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Role of Microdistortions in the Recrystallization of High-Melting Metal Powder Compacts While Being Sintered, by F. N. Alekseeva, R. S. Matyushenko, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met Gorn Delo, No 1, 1963, pp 97-99.

HB 6009

Sci-M/M

Nov 63

R43,451

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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The Effect of Some Alloying Elements on the Recrystallization of Mxx Magnesium, by M. E. Drits, et al.

RUSSIAN, per. Iz Ak Nauk Otdel Tekh Nauk, Metallurgia Gornoe Delo, No 1, 1953, pp 191-198.

NLL Ref. 5828.4 1953 (5,382) (Loan)

Sci - M/M
Nov 63

242,270

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RUSSIAN METALLURGY AND MINING, 1963, NO. 2. Mar/Apr 63, 116p
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Trans. (some abridged) of Akademiya Nauk SSSR, Otdelenie Tekhnicheskikh Nauk. Izvestiya: Metallurgiya i Gornoe Delo, 1963, no. 2, p. 9-12, 17-66, 96-99, 104-111, 116-129, 136-152, 169-172. Abstracts are included of the articles not translated in full.

DESCRIPTORS: *Metallurgy, *Mining engineering, Magnesium alloys, Liquid metals, Steel, Desulfurization, Refineries, Thermodynamics, Iron alloys, Castings, Copper, Chromium compounds, Oxides, Aluminium, Grain structures (Metallurgy), Sintering Plasticity, Deformation, Ultrasonic radiation, Titanium alloys, Tin alloys, Zirconium alloys, Minerals, Manganese, Niobium.
(Metallurgy, TT, v. 10, no. 11) (over)

63-22461-2

1. Title: Tantalite
I. Scientific Information Consultants Ltd. (Gt. Brit.)

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Interaction Between Oxygen Jet and Liquid Pig Iron in the Oxygen Top Blowing (of Steel), by E. M. Ogryzkin.

RUSSIAN, per, Izvest Akad Nauk SSSR, Otdel Tekh Nauk, Metallurgiya i Gornoye Delo, No 2, 1963, pp 17-20.

HB 6011

Mat & Met
Oct 63

345 171

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Effect of Deoxidation of Steel by Aluminum on the Process of its Desulfurization, by S. E. Volkov

RUSSIAN, per, Akaemiya Nauk SSSR, Izvestiya. Otdelenie Tekhnicheskikh Nauk, Metallurgiya i Gornoe Delo, No 2, 1963, pp 22-27

NTC 71-15107-11F

HE 6.01.2

mar 72

345, 170

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Nisel'son, L. A., Pustil'nik, A. I. and Soshnikova, L. A.

PURIFYING SELENIUM FROM TELLURIUM BY RECTIFICATION (Ochistka Selena ot Tellura Rektifikatsiei). Sep 53 [17p] (foreign text included) 22refs [DSIR] NLL M. 5424.

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Trans. of Akademiya Nauk SSSR / Izvestiya / Metallurgiya i Gornoe Delo, 1963, no. 2, p. 79-85.

(Engineering--Chemical, TT, v. 12, no. 2)

TT-64-13218

I. Nisel'son, L. A.
II. Pustil'nik, A. I.
III. Soshnikova, L. A.
IV. DSIR-NLL-M. 5424
V. International Nickel Co. (Mond) Ltd., London (England)

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The Changes in the Phase Composition of Basic Oxygen Furnace Slags During the Blow, by A. V. Rudneva, V. V. Smoktin.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metallurgiya i Goryeye Delo, No 2, 1963, pp 58-66.

HE 6000

met & Met
Oct 63

345/164

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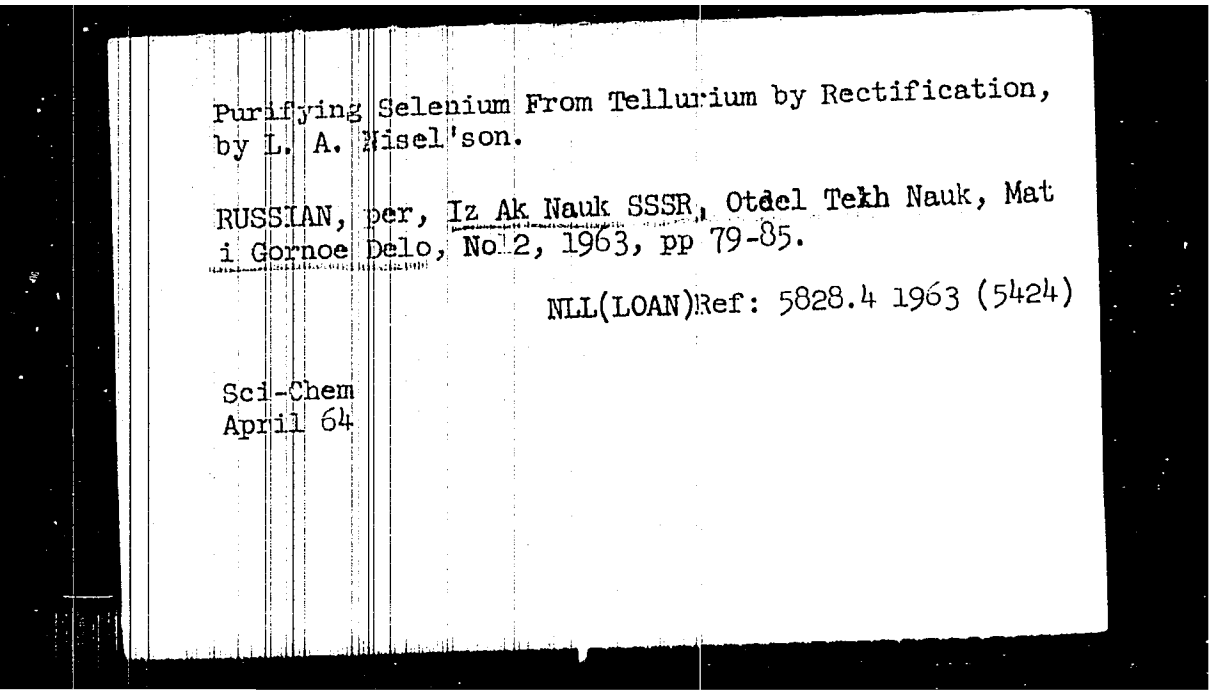

Purifying Selenium From Tellurium by Rectification, by L. A. Zisel'son.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Mat i Gornoe Delo, No 2, 1963, pp 79-85.

NLL(LOAN)Ref: 5828.4 1963 (5424)

Sci-Chem
April 64

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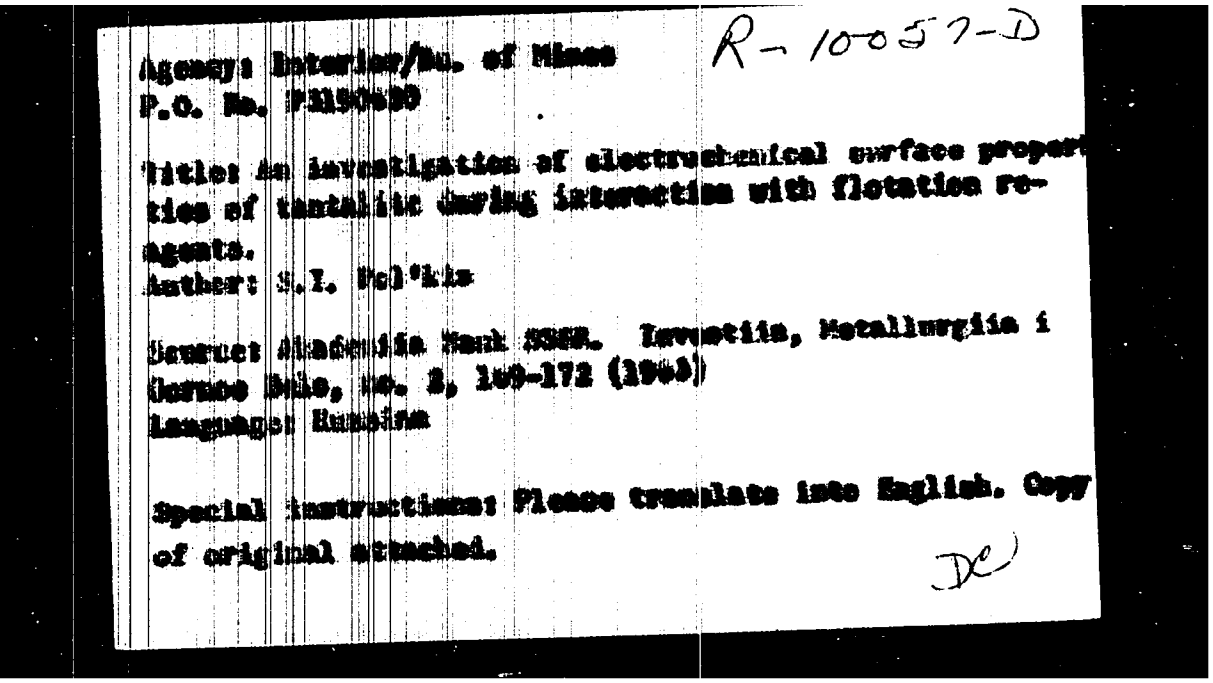

R-10057-D

Agency: Interior/Bu. of Mines
P.O. No. P3190699

Title: An investigation of electrochemical surface properties of tantalite during interaction with flotation reagents.
Author: S.I. Pol'kin

Source: Akademiia Nauk SSSR. Izvestiia, Metallurgiia i Gornoe Delo, no. 2, 169-172 (1964)
Language: Russian

Special Instructions: Please translate into English. Copy of original attached.

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Mathematical Solution of xx the Rolling Problem,
by K. N. Shevchenko,
RUSSIAN, per, Iz Ak Nauk Otdel Tekh Nauk Metal
i Goznoye Delo, No 3, 1963, pp 127-2146.
BISI 3577

Sci - Math & Data Process
Jun 64

261,119

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The High-Temperature Strength of Ni_3Al-Ni_3Nb Alloys, by R. S. Mints.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Tekh Nauk Metal i Gornoye Delo, No 4, 1963, pp 151-153.

NLL Ref: 5828.4 1963 (5449) (loan)

OTS 7T- 64-10005

May 64

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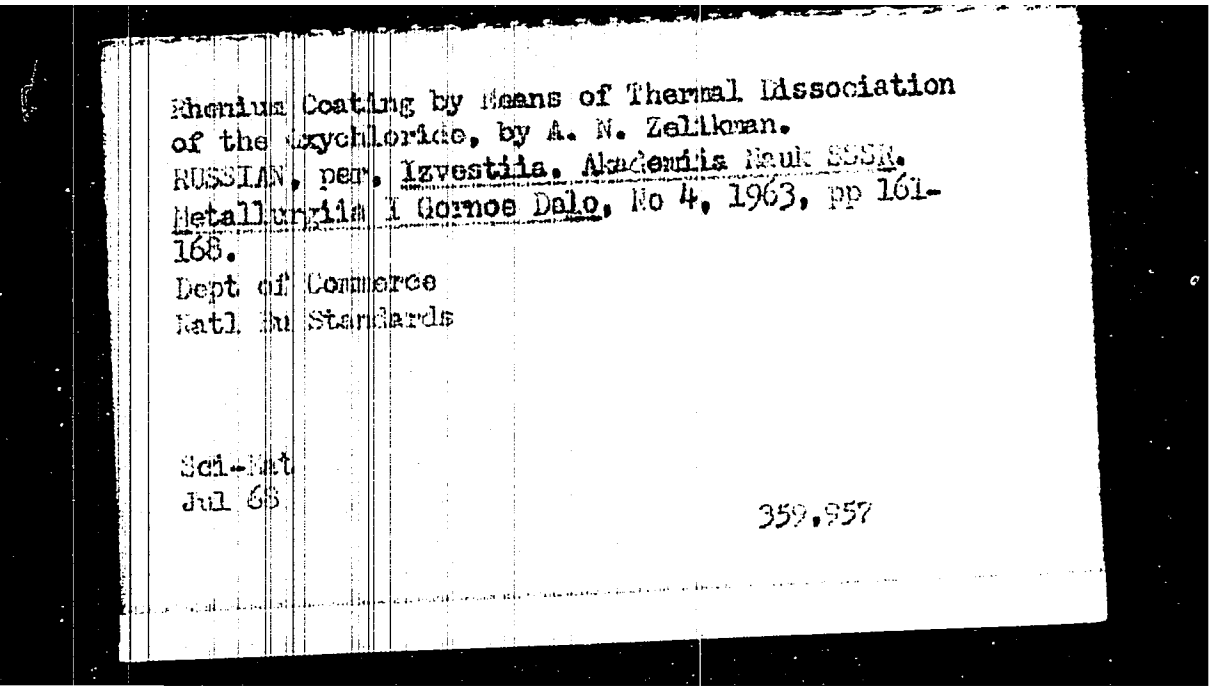

Rhenium Coating by Means of Thermal Dissociation of the Oxychloride, by A. N. Zelikman.
RUSSIAN, per, Izvestiia, Akademiia Nauk SSSR, Metallurgiia I Gornoe Delo, No 4, 1963, pp 161-165.
Dept of Commerce
Natl Bu Standards

Sci-Mat
Jul 65

359,957

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Koloyatsev, V. A. and Bezobrazov, S. V.
DESULPHURISATION OF MOLTEN HIGH-CARBON FERROCHROME. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 38-41.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 2)

TT-64-12826

I. Koloyatsev, V. A.
II. Bezobrazov, S. V.
III. Scientific Information Consultants Ltd., London (England)

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ALUMINOTHERMAL REDUCTION OF LANTHANUM, CERIUM AND PRASEODYMIUM OXIDES. Mar 64
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Trans. of Akademiya Nauk SSSR/ Izvestiya/ Metallurgiya i Gornoe Delo, 1963, no. 5, p. 50-57.

(Metallurgy--Nonferrous Metals, TT, v. 12, no. 2)

TT-64-12827

I. Podergin, V. A.
II. Samsonov, G. V.
III. Scientific Information Consultants Ltd., London (England)

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Ershov, G. S. and Popova, E. A.
RATE OF SOLUTION OF SILICA, ALUMINA AND MAGNESIA IN OXIDE SLAGS. Mar 64
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Trans. of Akademiya Nauk SSSR, Izvestiya, Metallurgiya i Gornoe Delo, 1963, no. 5, p. 73-79.

(Chemistry--Physical, TT, v. 12, no. 2)

I. Ershov, G. S.
II. Popova, E. A.
III. Scientific Information Consultants Ltd., London (England)

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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Oding, L. A. and Aleshkin, F. I.
INFLUENCE OF TEMPERATURE ON STRESS RELAXATION IN METALS. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 98-113.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 2)

TT-64-12829

I. Oding, L. A.
II. Aleshkin, F. I.
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Kornilov, L. I., Shinaev, A. Ya., and Pylaev, E. N.
CREEP OF SOME INTERMETALLIC COMPOUNDS.
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 113-115.

(Metallurgy--Nonferrous Metals, TT, v. 12, no. 2)

TT-64-12830

I. Kornilov, L. I.
II. Shinaev, A. Ya.
III. Pylaev, E. N.
IV. Scientific Information Consultants Ltd., London (England)

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Nikitin, V. I.
THE DETERMINATION OF TIME-TO-RUPTURE OF METALS UNDER CONDITIONS OF VARYING STRESS AND TEMPERATURES. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 116-120.

(Metallurgy, TT, v. 12, no. 2)

TT-64-12861

I. Nikitin, V. I.
II. Scientific Information Consultants Ltd., London (England)

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Novikov, I. I., Zolotorevskii, V. S. and Kenin, E. M.
EFFECT OF TEMPERATURE ON THE THICKNESS OF INTERGRANULAR LIQUID FILMS DURING NON-EQUILIBRIUM CRYSTALLISATION OF SOLID SOLUTIONS. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 121-125.

(Metallurgy--Structural, TT, v. 12, no. 4)

TT-64-12832

I. Novikov, I. I.
II. Zolotorevskii, V. S.
III. Kenin, E. M.
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Drits, M. E., Sviderskaya, Z. A., Kadaner, E. S., and Felgina, S. B.
EFFECT OF THORIUM AND ZINC ON THE RECRYSTALLISATION OF MAGNESIUM. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 129-133.

(Metallurgy--Nonferrous Metals, TT, v. 12, no. 2)

TT-64-12834

I. Drits, M. E.
II. Sviderskaya, Z. A.
III. Kadaner, E. S.
IV. Felgina, S. B.
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CONCENTRATION STABILITY LIMITS OF VANADIUM CARBIDE AT 1800°C. Mar 64
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TT-64-12835

I. Volkova, N. M.
II. Alyamovskii, S. I.
III. Gel'd, P. V.
IV. Scientific Information Consultants Ltd., London (England)

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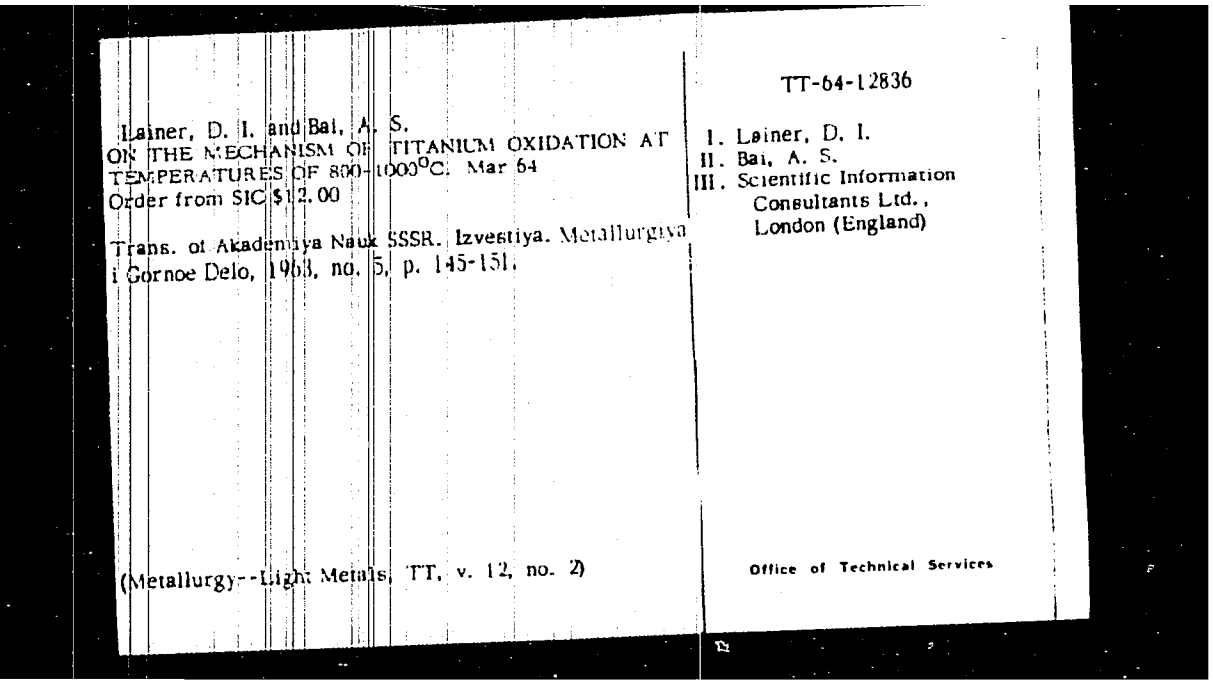

Lainer, D. I. and Bai, A. S.
ON THE MECHANISM OF TITANIUM OXIDATION AT TEMPERATURES OF 800-1000°C. Mar 64
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Trans. of Akademiya Nauk SSSR. Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 5, p. 145-151.

(Metallurgy--Light Metals, TT, v. 12, no. 2)

TT-64-12836

I. Lainer, D. I.
II. Bai, A. S.
III. Scientific Information Consultants Ltd., London (England)

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Frantsevich, I. N.
RESULTS OF INVESTIGATIONS ON THE DEVELOPMENT OF MATERIALS FOR THE NEWER TECHNOLOGIES, CARRIED OUT AT THE METALLOCERAMICS AND SPECIAL ALLOYS INSTITUTE OF THE ACADEMY OF SCIENCES OF THE UKR. SSR.
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Trans. of Akademiya Nauk SSSR, Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 6, p. 5-11.

(Metallurgy, TT, v. 12, no. 3)

TT-64-22204

I. Frantsevich, I. N.
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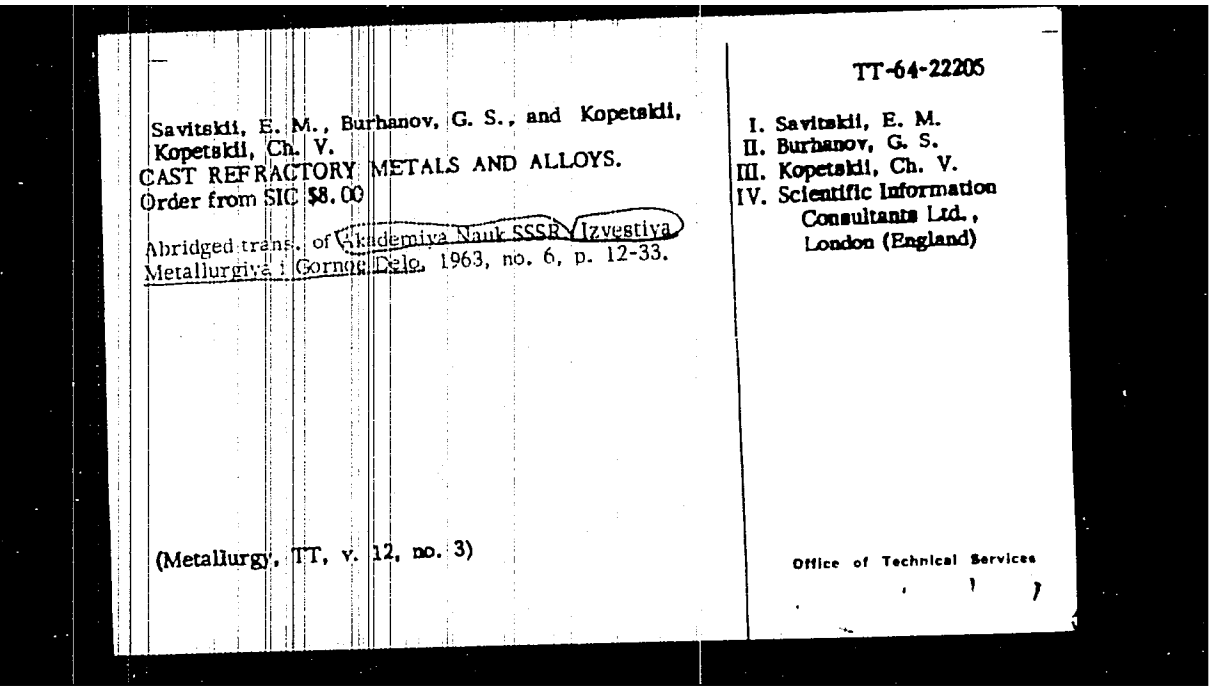

Savitskii, E. M., Burhanov, G. S., and Kopetskii, Ch. V.
CAST REFRACTORY METALS AND ALLOYS.
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Abridged trans. of Akademiya Nauk SSSR. Izvestiya Metallurgiya i Gornoe Delo, 1963, no. 6, p. 12-33.

(Metallurgy, TT, v. 12, no. 3)

TT-64-22205

I. Savitskii, E. M.
II. Burhanov, G. S.
III. Kopetskii, Ch. V.
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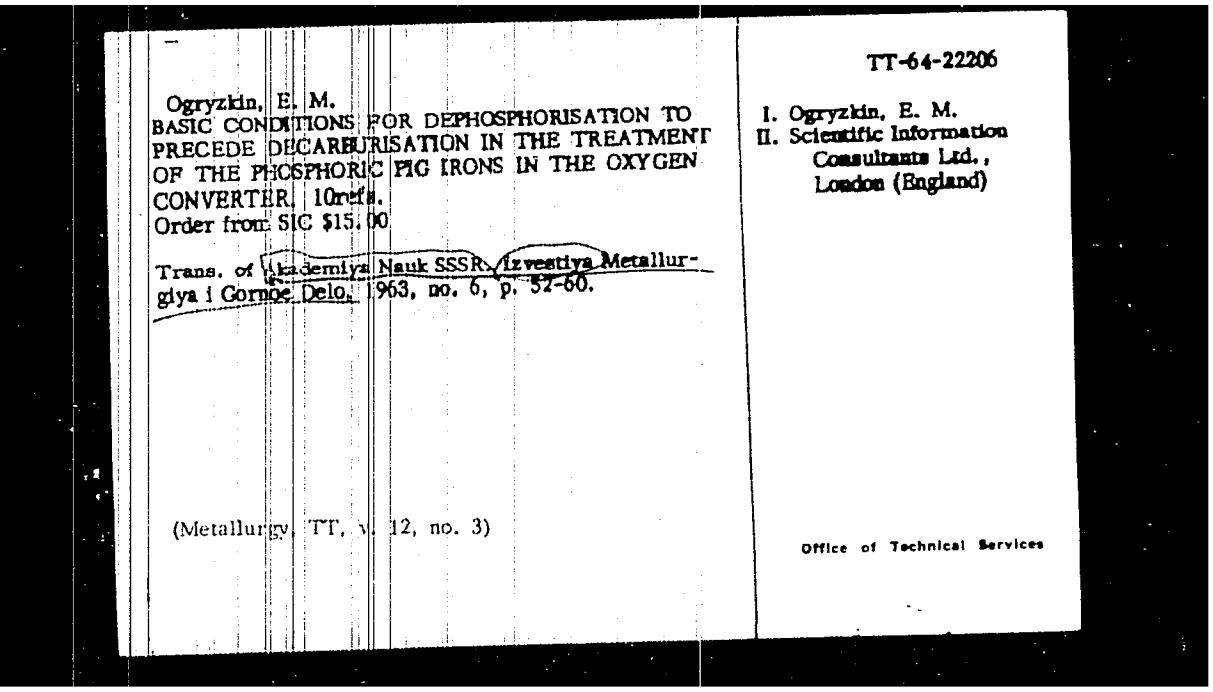

Ogryzkin, E. M.
BASIC CONDITIONS FOR DEPHOSPHORISATION TO PRECEDE DECARBURISATION IN THE TREATMENT OF THE PHOSPHORIC PIG IRONS IN THE OXYGEN CONVERTER. 10refs.
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Trans. of Akademiya Nauk SSSR, Izvestiya Metallurgiya i Gornoe Delo, 1963, no. 6, p. 52-60.

(Metallurgy TT, v. 12, no. 3)

TT-64-22206

I. Ogryzkin, E. M.
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Kocho, V. S., Dryapik, E. P. and Strel'chenko, A. G. CONTINUOUS CONTROL OF LIQUID STEEL TEMPERATURE DURING OPEN-HEARTH REFINING. 3refs. Order from SIC $12.00

Trans. of Akademiya Nauk SSSR, Izvestiya, Metallurgiya i Gornoe Delo, 1963, no. 6, p. 61-67.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 3)

TT-64-22207

I. Kocho, V. S.
II. Dryapik, E. P.
III. Strel'chenko, A. G.
IV. Scientific Information Consultants Ltd., London (England)

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Levin, E. S.
ON THE CONDITIONS FOR BUBBLE FORMATION IN LIQUID STEEL DURING VACUUM TREATMENT, AND THE POSSIBILITY OF HYDROGEN ELIMINATION IN BUBBLES. 24refs.
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Trans. of Akademiya Nauk SSSR, Izvestiya, Metallurgiya i Gornoe Delo, 1963, no. 6, p. 68-73.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 3)

TT-64-22208

I. Levin, E. S.
II. Scientific Information Consultants Ltd., London (England)

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Panin, V. V., Borovskii, O. B., Ivakhnenko, I. S., and Iodkovskii, S. A.
X-RAY INVESTIGATION OF THE ELECTROSLAG REMELTING OF STEEL.
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Trans. of Akademiya Nauk SSSR, Izvestiya, Metallurgiya i Gornoe Delo, 1963, no. 6, p. 90-95.

(Metallurgy--Ferrous Metals, TT, v. 12, no. 3)

TT-64-22209

I. Panin, V. V.
II. Borovskii, O. B.
III. Ivakhnenko, I. S.
IV. Iodkovskii, S. A.
V. Scientific Information Consultants Ltd., London (England)

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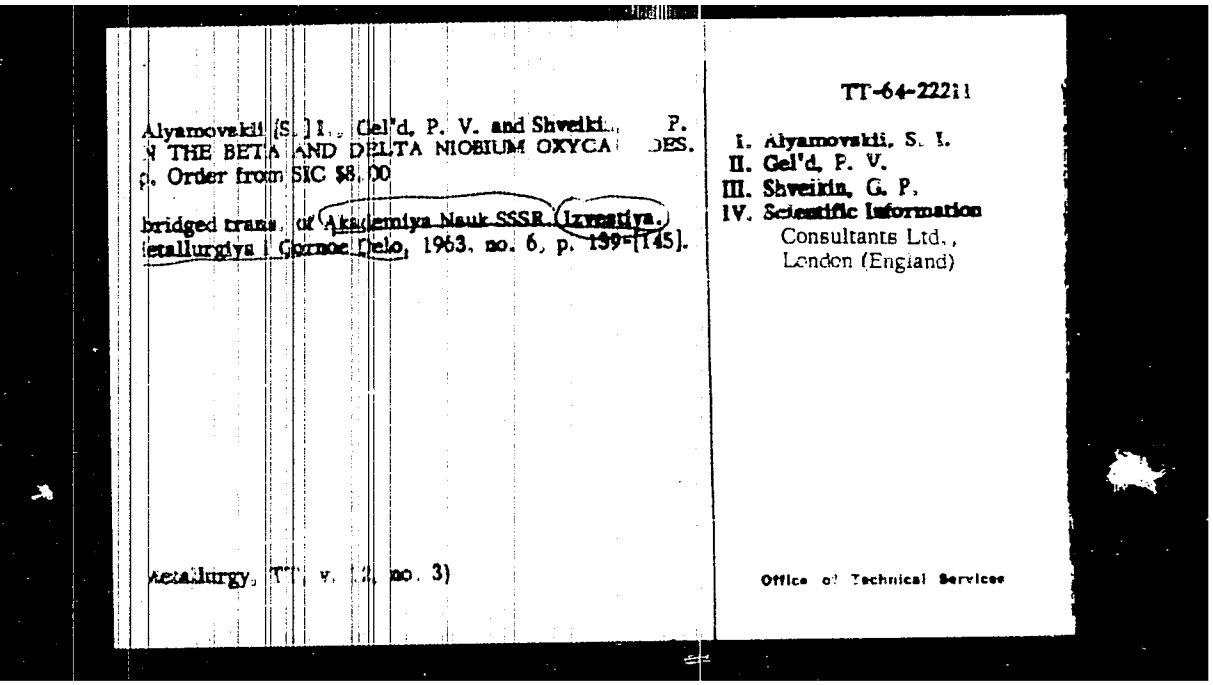

Alyamovskii, (S.] I., Gel'd, P. V. and Shveiki.. P.
N THE BETA AND DELTA NIOBIUM OXYCA DES.
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etallurgiya i Gornoe Delo, 1963, no. 6, p. 139-[145].

Metallurgy, T[illegible] v. [illegible], no. 3)

TT-64-22211

I. Alyamovskii, S. I.
II. Gel'd, P. V.
III. Shveikin, G. P.
IV. Scientific Information
Consultants Ltd.,
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Kornilov, I. I. and Myasnikova, K. P.
THE EFFECT OF TEMPERATURE ON THE HARDNESS OF BINARY NICKEL-PALLADIUM AND NICKEL-RHODIUM ALLOYS. 5refs.
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Trans. of Akademiya Nauk SSSR, Izvestiya. Metallurgiya i Gornoe Delo, 1963, no. 6, p. 140-141.

(Metallurgy--Nonferrous Metals, TT, v. 12, no. 3)

TT-64-22212

I. Kornilov, I. I.
II. Myasnikova, K. P.
III. Scientific Information Consultants Ltd., London (England)

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Instability in Properties of Certain Bi_2 Te_3 Based Alloys, by G. N. Gordyakova, S. S. Sinani.
RUSSIAN, per. Izvestiya Akad Nauk SSSR, Metallurgiya i Gornoye Delo, No 6, pp 155-159, 1963
AEC-Tr-6584

9229807

Sci-Mdd
Nov 65

291,653

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Lainer, D. L. and Bai, A. S.
KINETICS OF TITANIUM OXIDATION BY STEAM.
6refs.
Order from SIC $12.00

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(Metallurgy--Light Metals, TT, v. 12, no. 3)

TT-64-22214

I. Lainer, D. I.
II. Bai, A. S.
III. Scientific Information Consultants Ltd., London (England)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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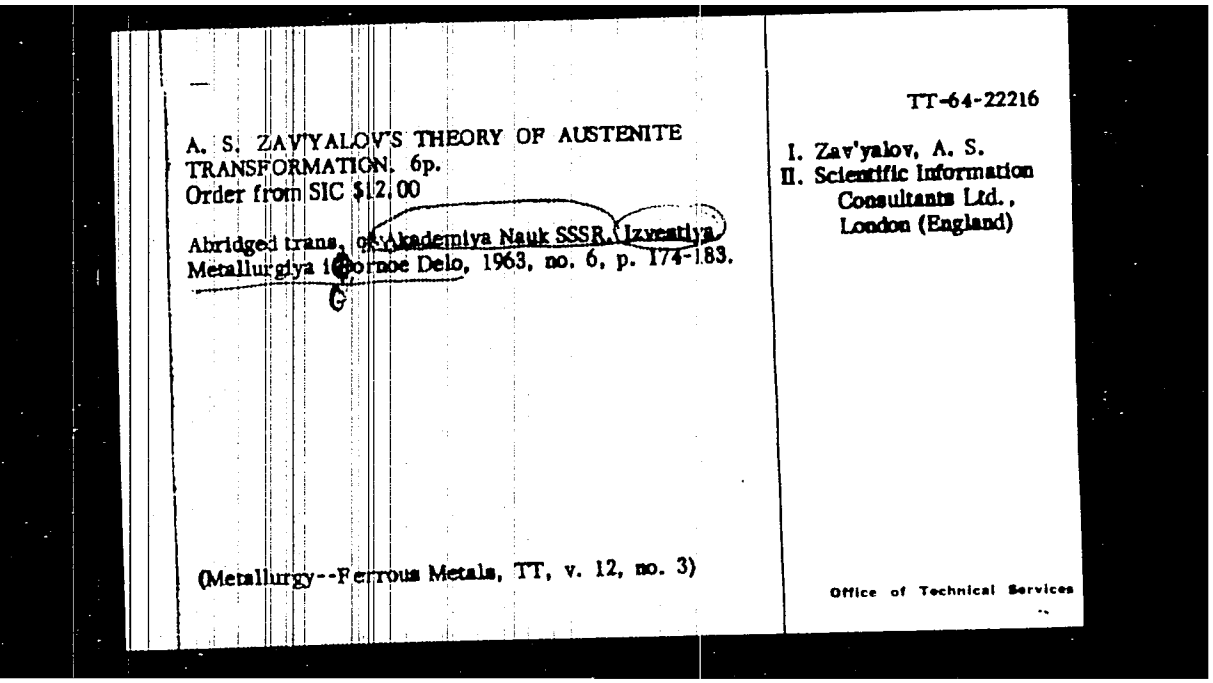

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I. Zav'yalov, A. S.
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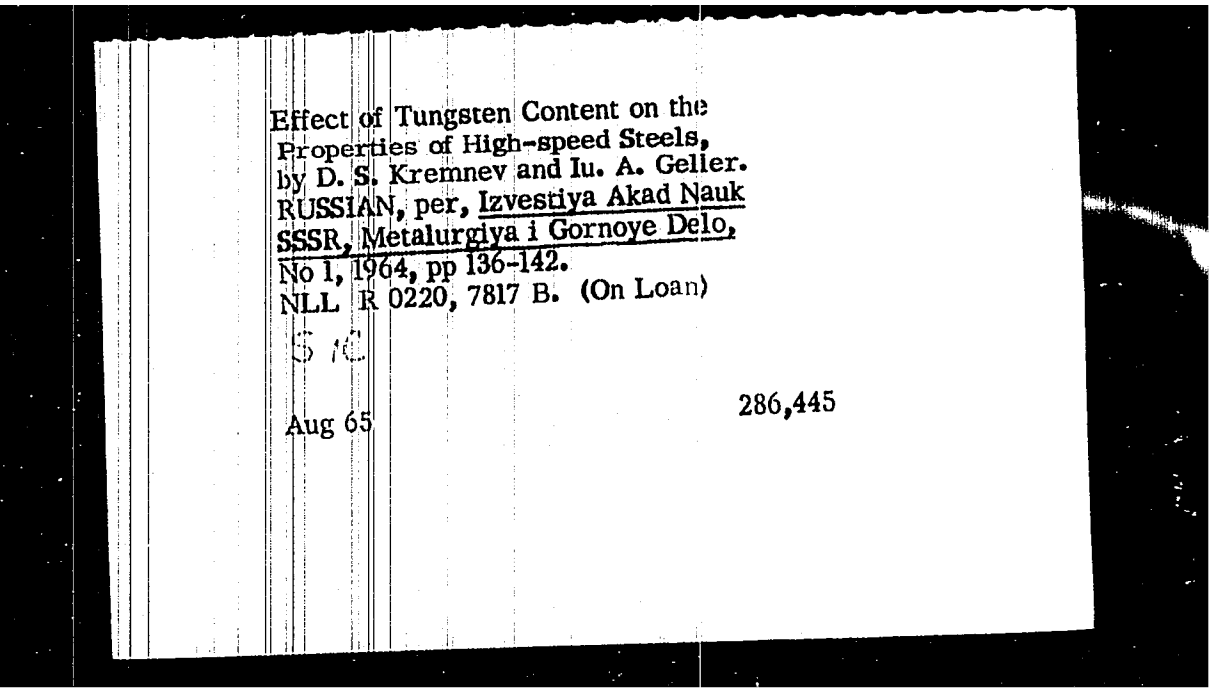

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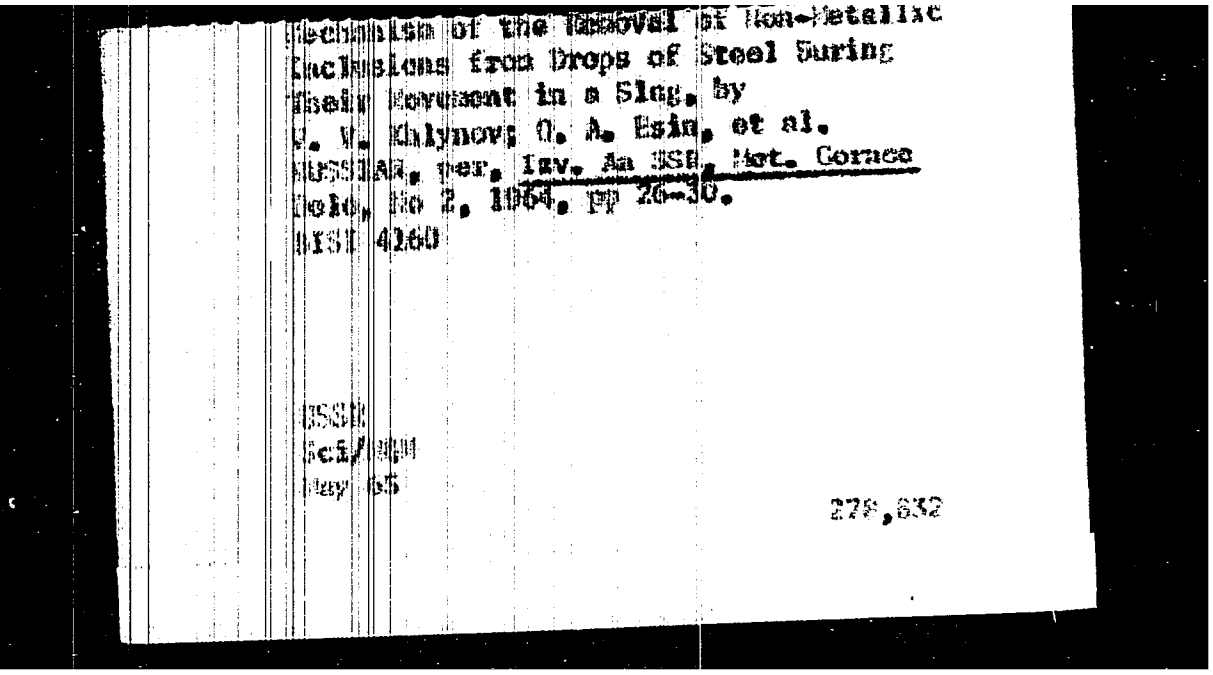

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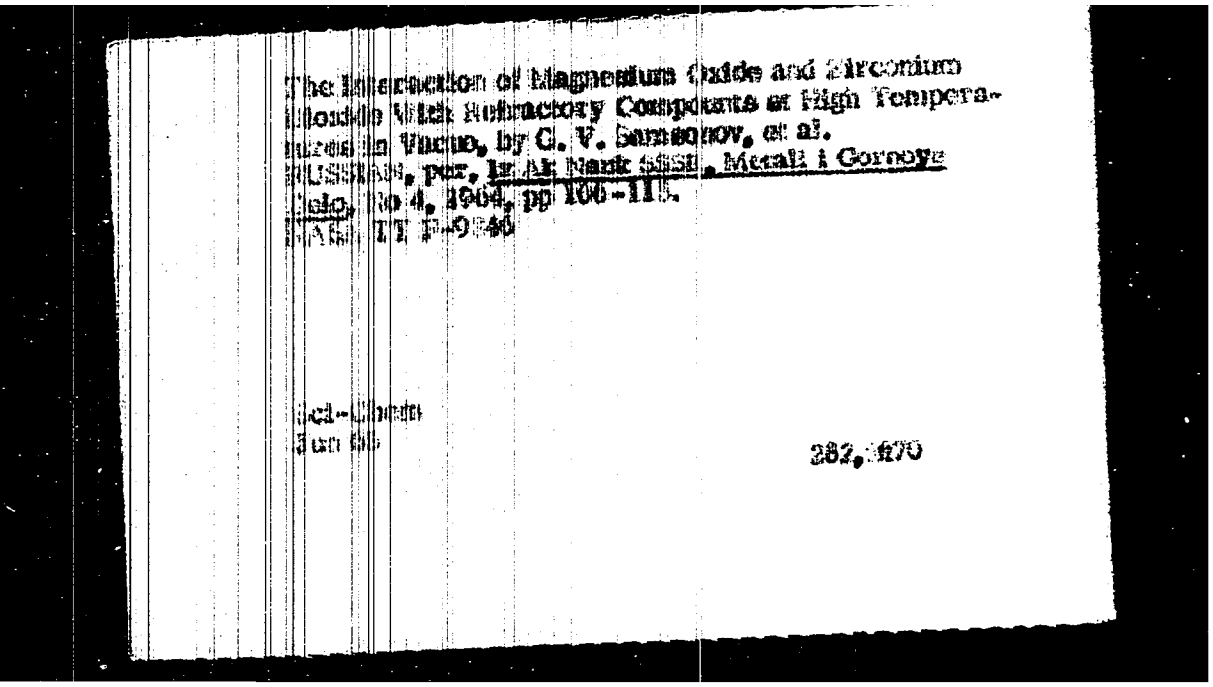

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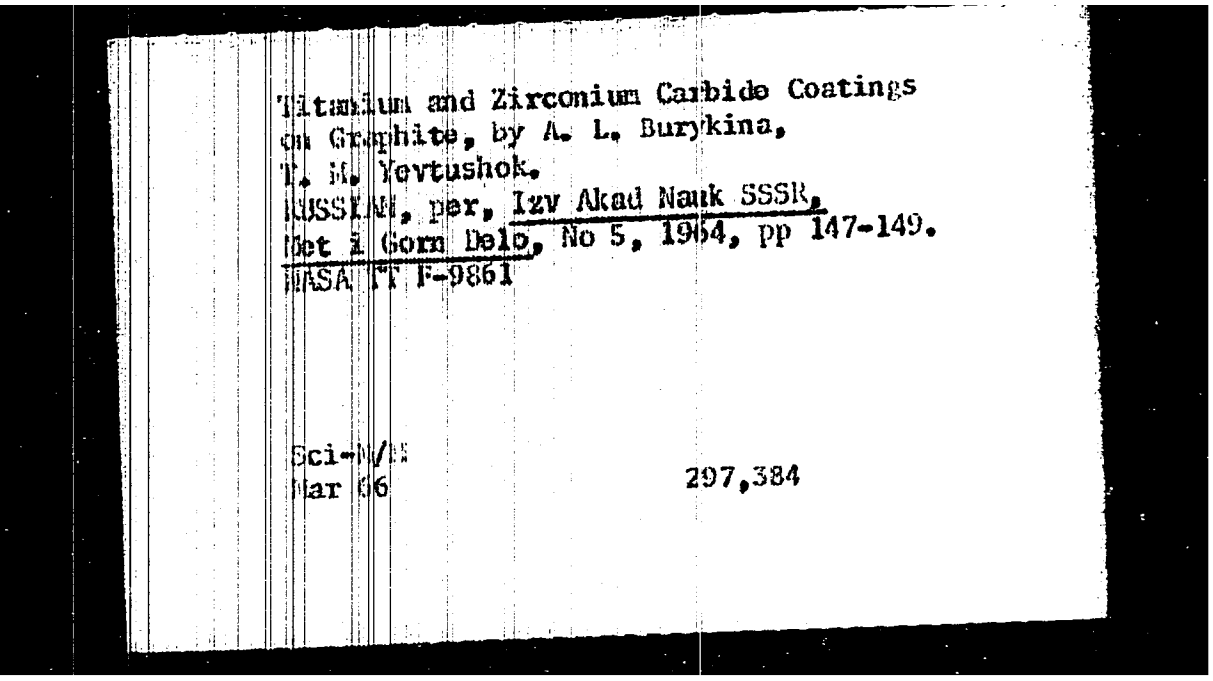

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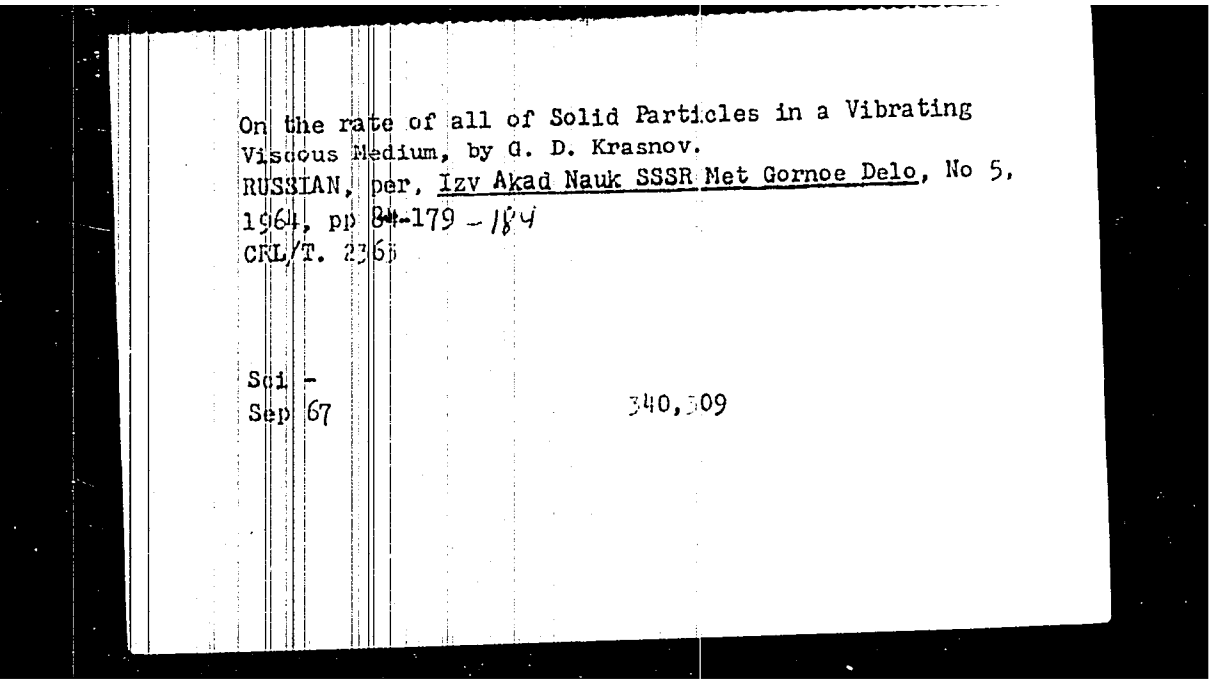

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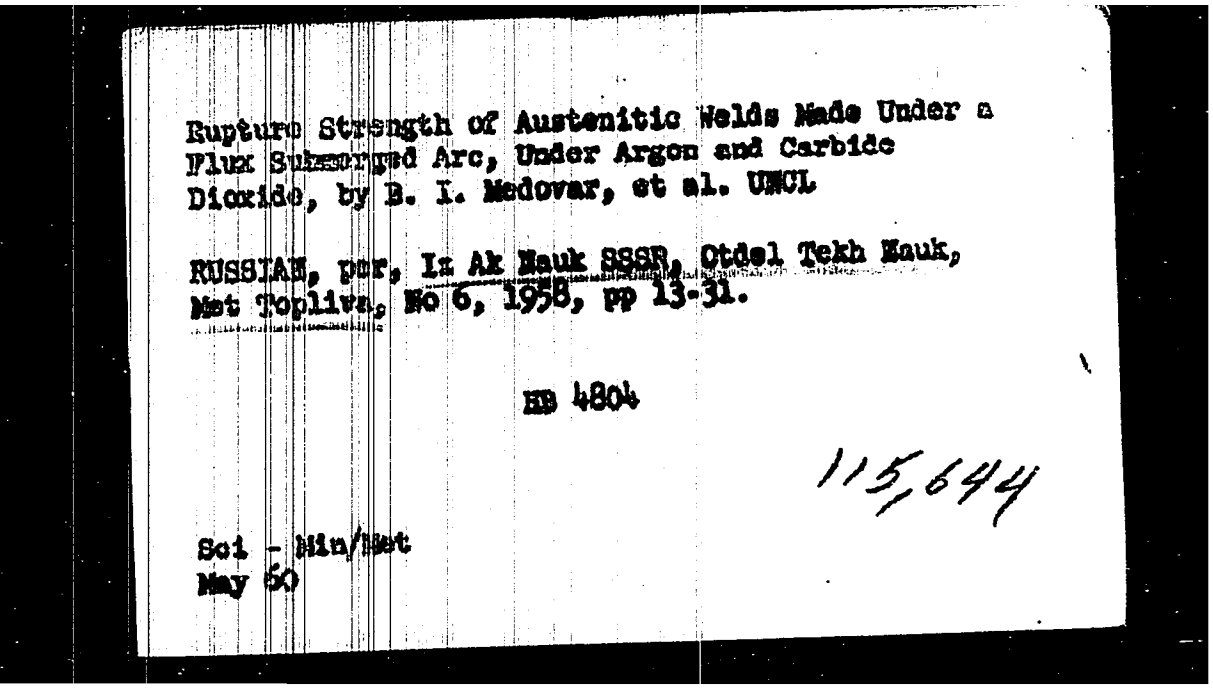

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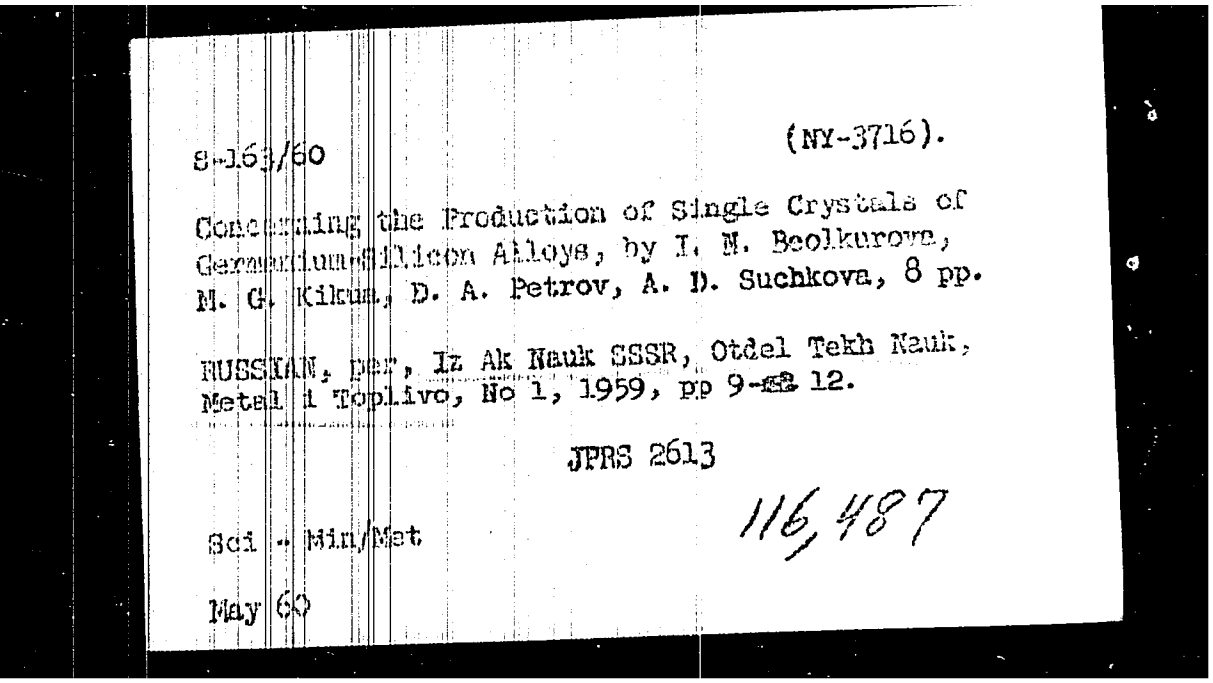

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JPRS 2613

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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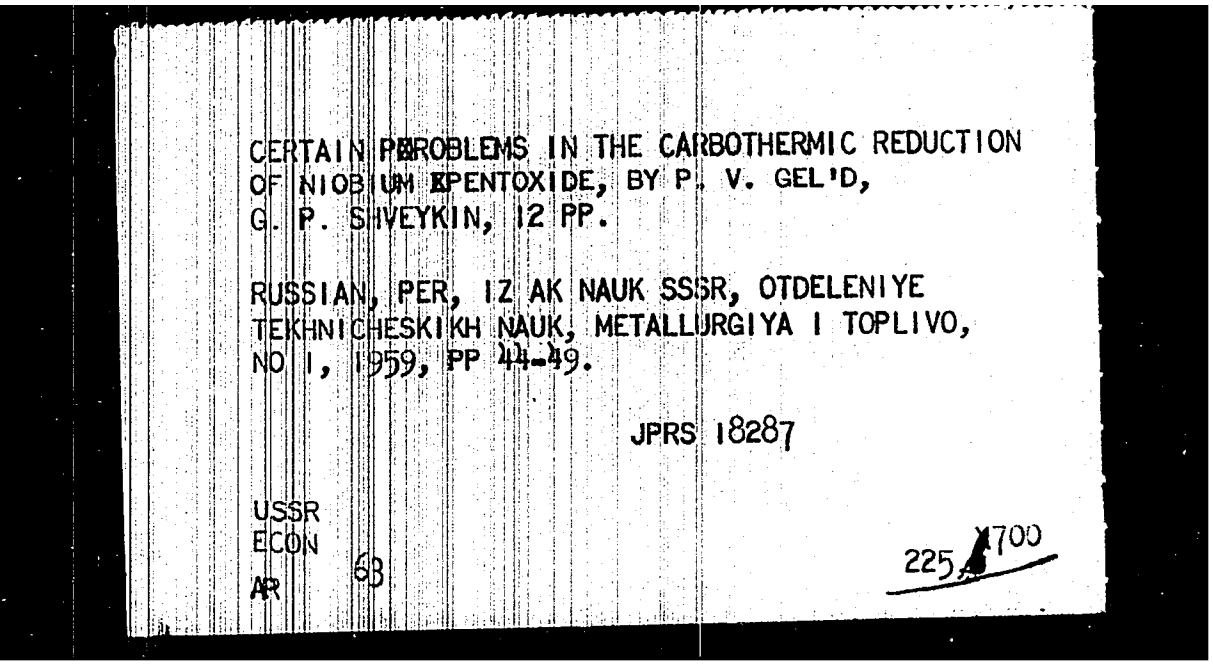

CERTAIN PROBLEMS IN THE CARBOTHERMIC REDUCTION OF NIOBIUM PENTOXIDE, BY P. V. GEL'D, G. P. SHVEYKIN, 12 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, OTDELENIYE TEKHNICHESKIKH NAUK, METALLURGIYA I TOPLIVO, NO 1, 1959, PP 44-49.

JPRS 18287

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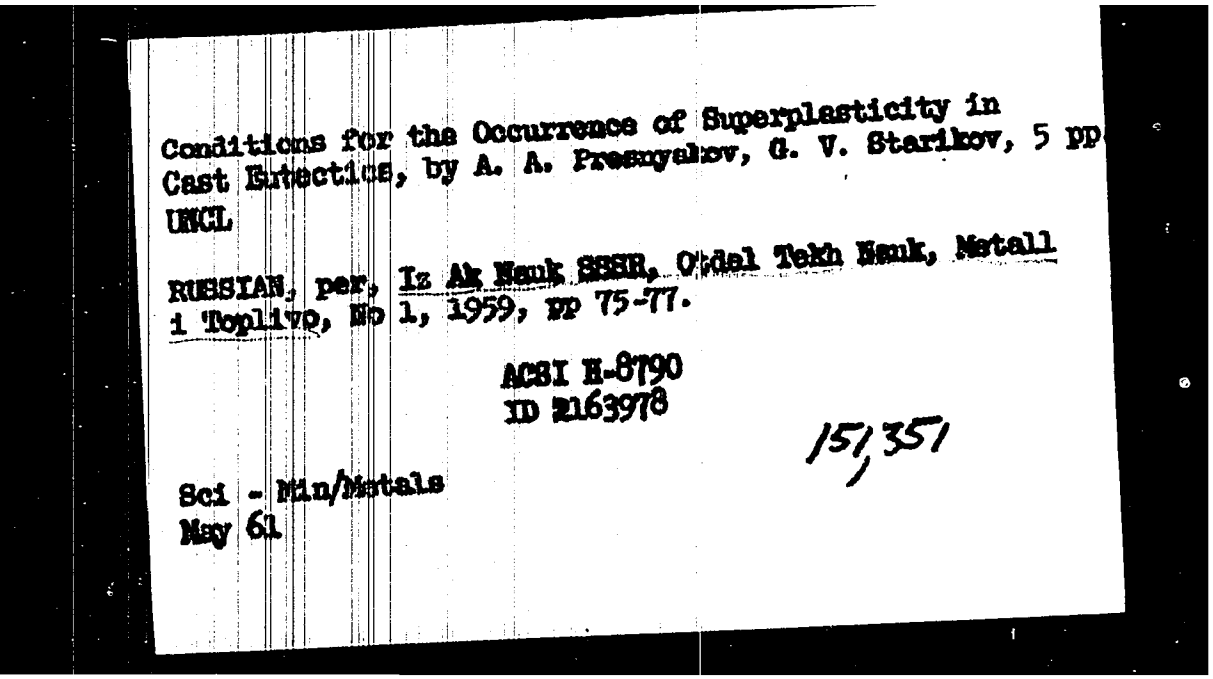

Conditions for the Occurrence of Superplasticity in Cast Eutectics, by A. A. Presnyakov, G. V. Starikov, 5 pp UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall i Toplivo, No 1, 1959, pp 75-77.

ACSI H-8790
ID 2163978

151,351

Sci - Min/Metals
May 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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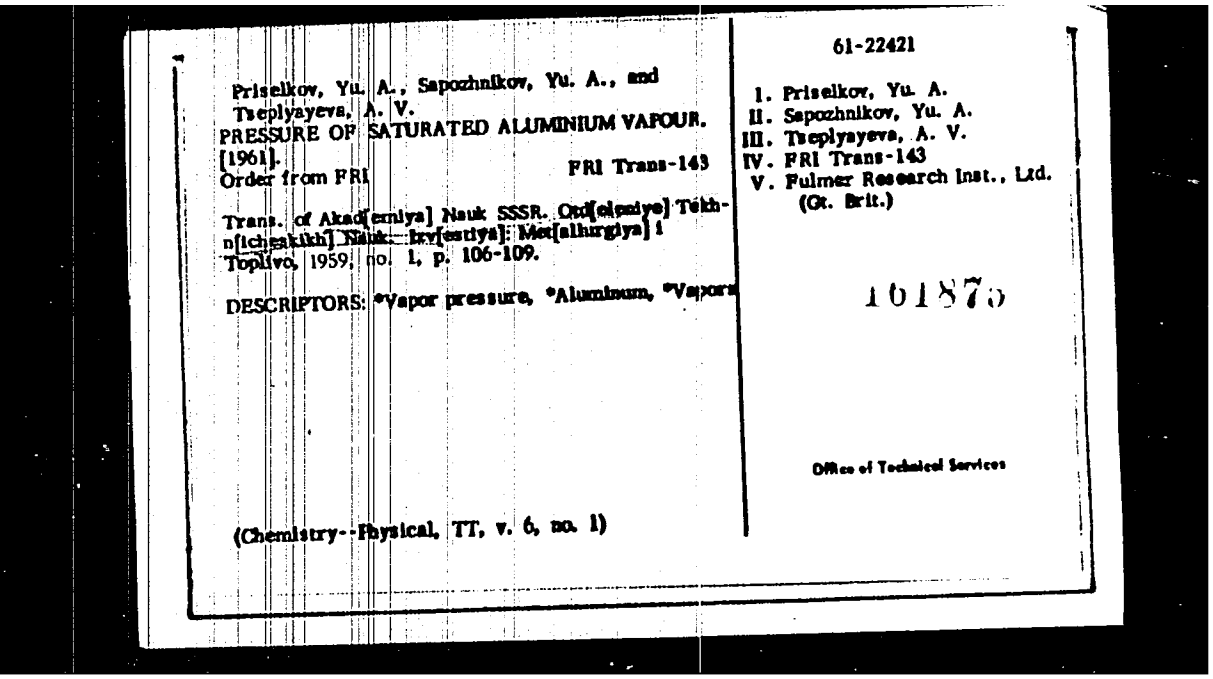

Priselkov, Yu. A., Sapozhnikov, Yu. A., and Tseplyayeva, A. V.
PRESSURE OF SATURATED ALUMINIUM VAPOUR. [1961].
Order from FRI FRI Trans-143

Trans. of Akad[emiya] Nauk SSSR. Otd[eleniye] Tekhn[icheskikh] Nauk. Izv[estiya]: Met[allurgiya] i Topliva, 1959, no. 1, p. 106-109.

DESCRIPTORS: *Vapor pressure, *Aluminum, *Vapors

(Chemistry--Physical, TT, v. 6, no. 1)

61-22421

I. Priselkov, Yu. A.
II. Sapozhnikov, Yu. A.
III. Tseplyayeva, A. V.
IV. FRI Trans-143
V. Fulmer Research Inst., Ltd. (Gt. Brit.)

101875

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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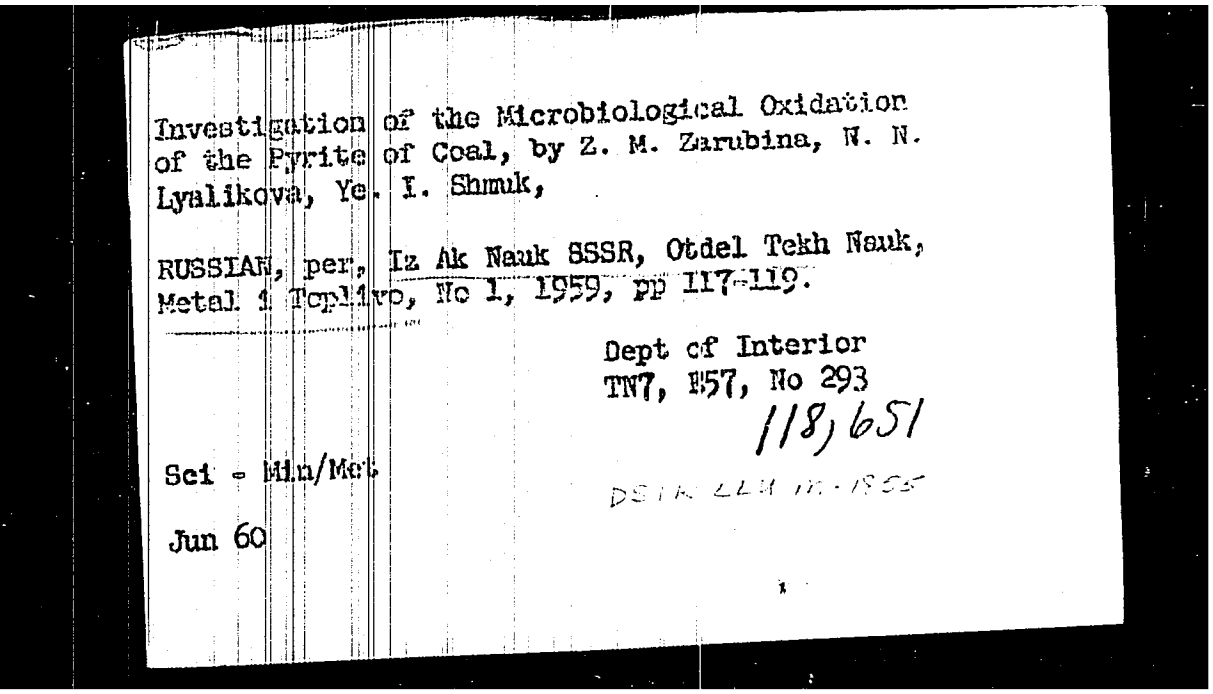

Investigation of the Microbiological Oxidation of the Pyrite of Coal, by Z. M. Zarubina, N. N. Lyalikova, Ye. I. Shmuk,

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 1, 1959, pp 117-119.

Dept of Interior
TN7, I57, No 293

118,651

DSIR 22.4 (M) - 1935

Sci - Min/Met

Jun 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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Structural Changes in Steel During Resistance Annealing, by V. N. Gridnev, V. I. Trefilov. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 2, 1959. 62-67

*BISI 1732

NKU M 6367

Sci - Min/Met

May 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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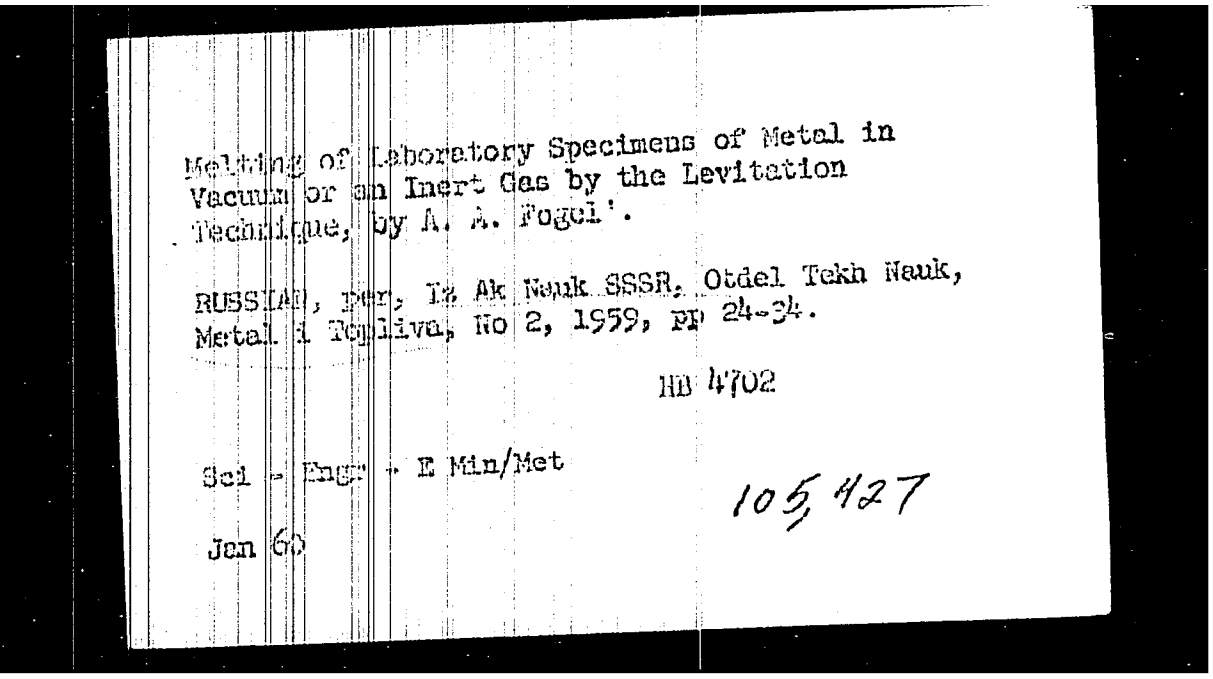


Melting of Laboratory Specimens of Metal in Vacuum or an Inert Gas by the Levitation Technique, by A. A. Fogel'.

RUSSIAN, Per; Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall i Toplivo, No 2, 1959, pp 24-34.

HB 4702

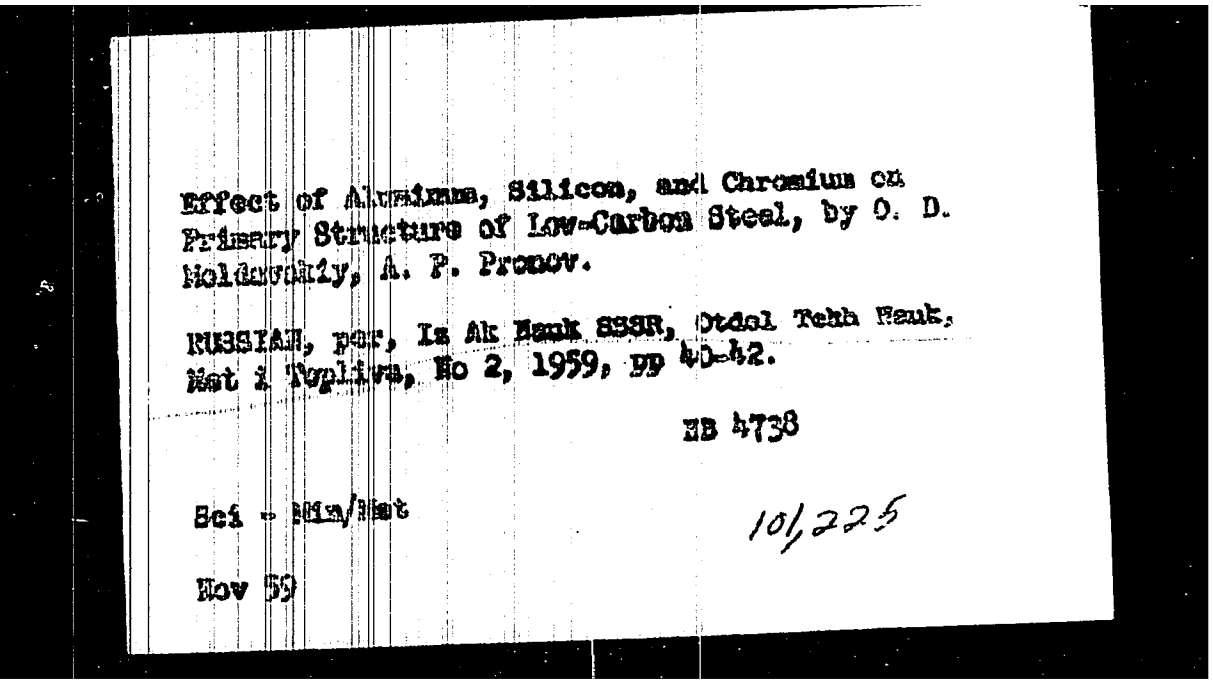
Sci - Engr + E Min/Met

105,427

Jan 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2



Effect of Aluminum, Silicon, and Chromium on Primary Structure of Low-Carbon Steel, by O. D. Moldavskiy, A. P. Pronov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 2, 1959, pp 40-42.

MB 4738

Sci - Min/Met

Nov 59

101,225

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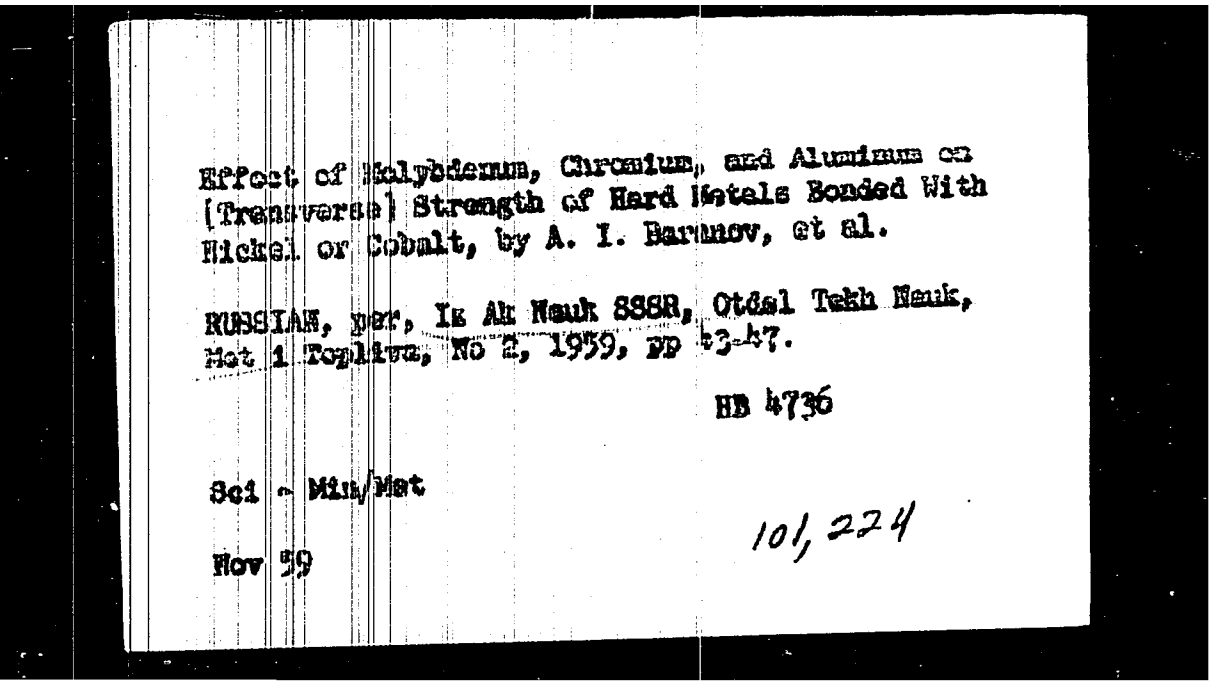

Effect of Molybdenum, Chromium, and Aluminum on [Transverse] Strength of Hard Metals Bonded With Nickel or Cobalt, by A. I. Barmov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 2, 1959, pp 43-47.

HB 4736

Sci - Min/Met

Nov 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

Study of the Distortion of Nickel During Creep, by E. A. Minkitte, N. V. Pregbrajenskaya, et al. RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk SSR, Met i Toplivo, No 2, 1959, pp 48-55.

AEC-Dounreay Tr No 160
(On loan only)

Sci
Nov 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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Fr-1 *UK-23

16 415

NIKOLAEVSKII V. N.

Motion of two miscible liquids in a porous medium

Mouvement de deux liquides miscibles dans un milieu poreux

*Izv. Akad. Nauk SSSR, Otdel. Tekhn. Nauk: Met. i Toplivo, No. 2, 64-69 (1959)

Fr-1: R. 1261 - French

*UK-23: English

Euratom

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

Use of the Ionized Stream of an Electric Arc for Heating Materials, by I. D. Kulagin, A. V. Nikolayev.
UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metallurgiya i Toplovo, No 2, 1959, pp 78-81.

ATS-RJ-2720

*ATIC
ATS-72M39R

Sci - Phys
Dec 59
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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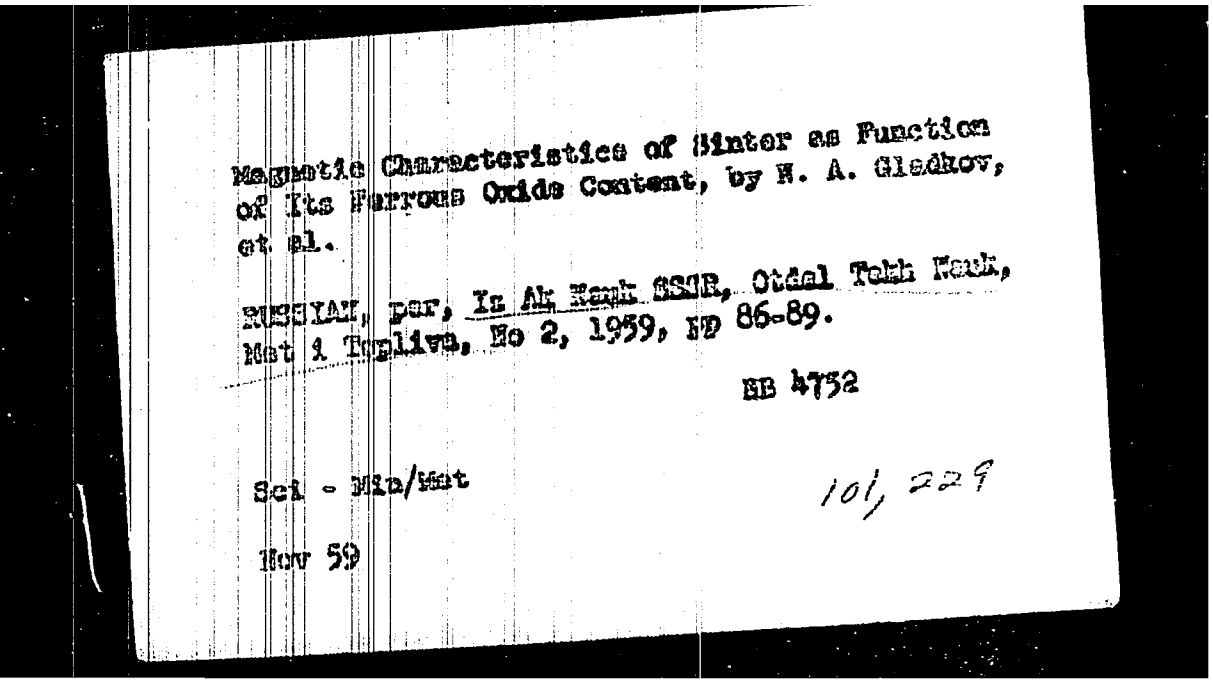

Magnetic Characteristics of Sinter as Function of Its Ferrous Oxide Content, by N. A. Gladkov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 2, 1959, pp 86-89.

BB 4752

Sci - Min/Met

Nov 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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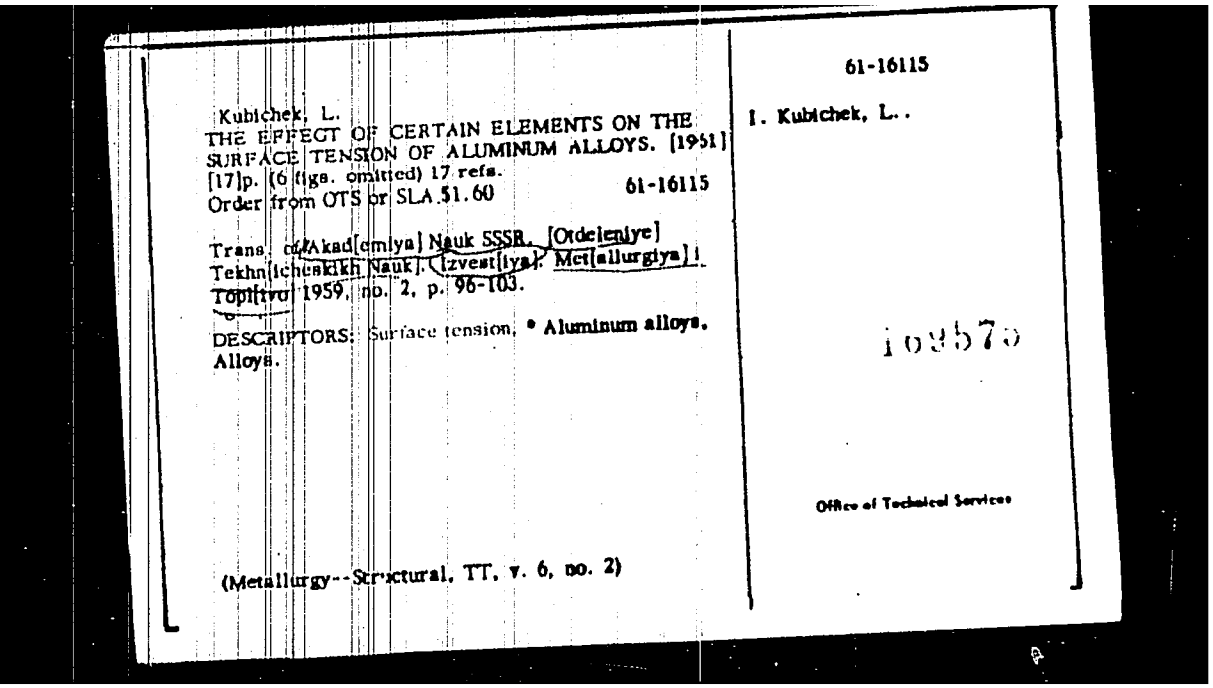

Kubichek, L.
THE EFFECT OF CERTAIN ELEMENTS ON THE SURFACE TENSION OF ALUMINUM ALLOYS. [1951] [17]p. (6 figs. omitted) 17 refs.
Order from OTS or SLA $1.60 61-16115

Trans. of Akad[emiya] Nauk SSSR. [Otdeleniye] Tekhn[icheskikh Nauk]. [Izvest[iya]. Met[allurgiya] i Topliva 1959, no. 2, p. 96-103.

DESCRIPTORS: Surface tension, * Aluminum alloys, Alloys.

(Metallurgy--Structural, TT, v. 6, no. 2)

61-16115

1. Kubichek, L..

109573

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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SHTEIN V. K.

Light reflection patterns from tungsten crystals

Izv. Akad. Nauk SSSR, Otdel. Tekhn. Nauk, Metallurg. i Topl., No. 2, 90-95 (1959)

RJ-2725. $ 11.75 - English

Euratom

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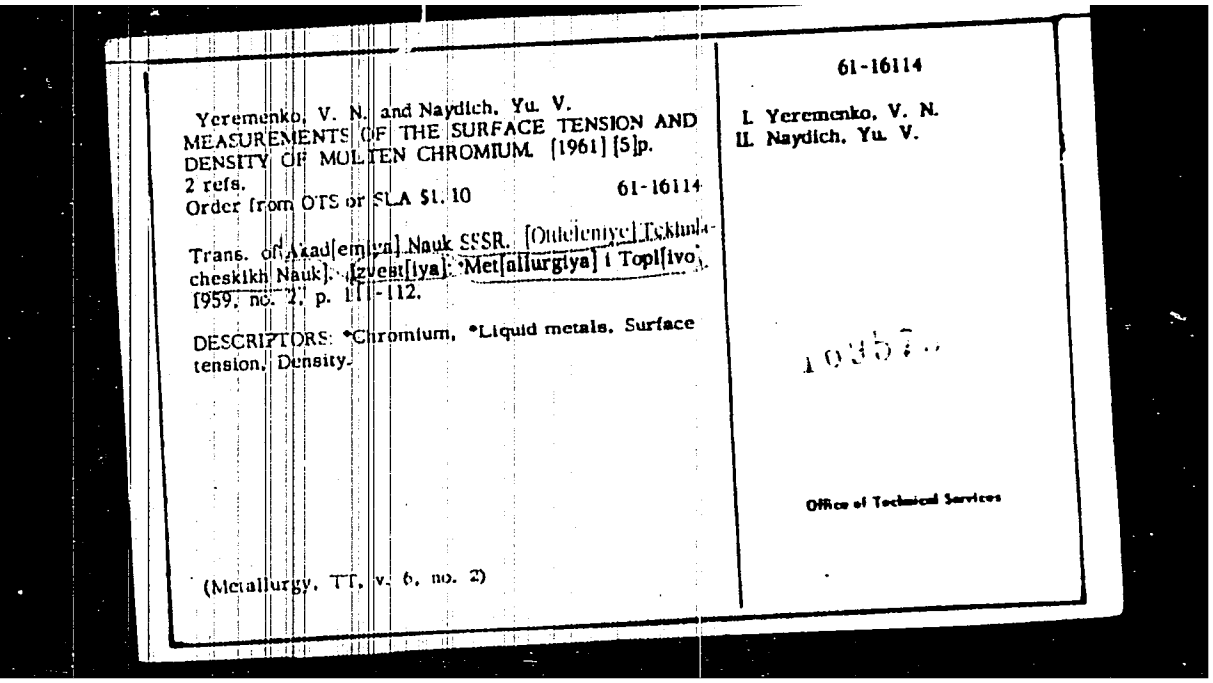

Yeremenko, V. N. and Naydich, Yu. V.
MEASUREMENTS OF THE SURFACE TENSION AND DENSITY OF MOLTEN CHROMIUM. [1961] [5]p.
2 refs.
Order from OTS or SLA $1.10 61-16114

Trans. of Akad[emiya] Nauk SSSR. [Otdeleniye] Tekhnicheskikh Nauk]. Izvest[iya]: Met[allurgiya] i Topl[ivo]. [1959, no. 2] p. 111-112.

DESCRIPTORS: *Chromium, *Liquid metals. Surface tension, Density.

(Metallurgy, TT, v. 6, no. 2)

61-16114

I. Yeremenko, V. N.
II. Naydich, Yu. V.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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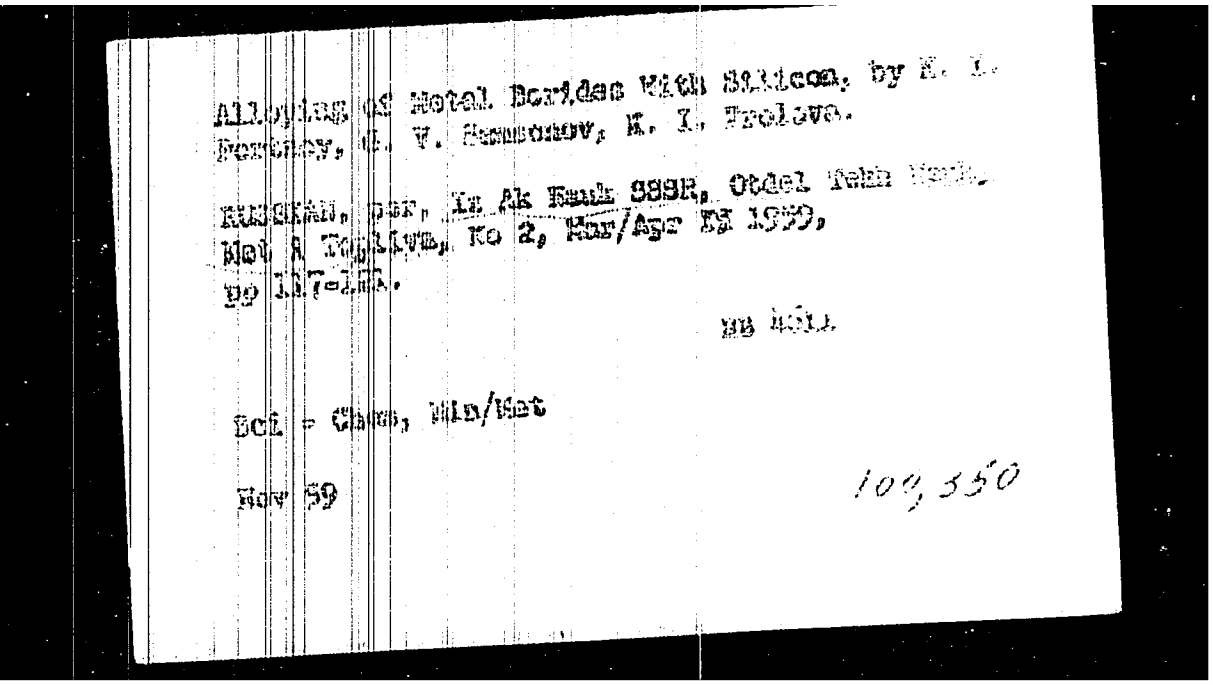

Alloying of Metal Borides With Silicon, by K. I. Portnoy, G. V. Samsonov, K. I. Frolova.

RUSSIAN, per. In Ak Nauk SSSR, Otdel Tekh Nauk. Met i Toplivo, No 2, Mar/Apr 59, pp 147-151.

UR 4611.

Dcl - Chem, Min/Met

Nov 59

109,350

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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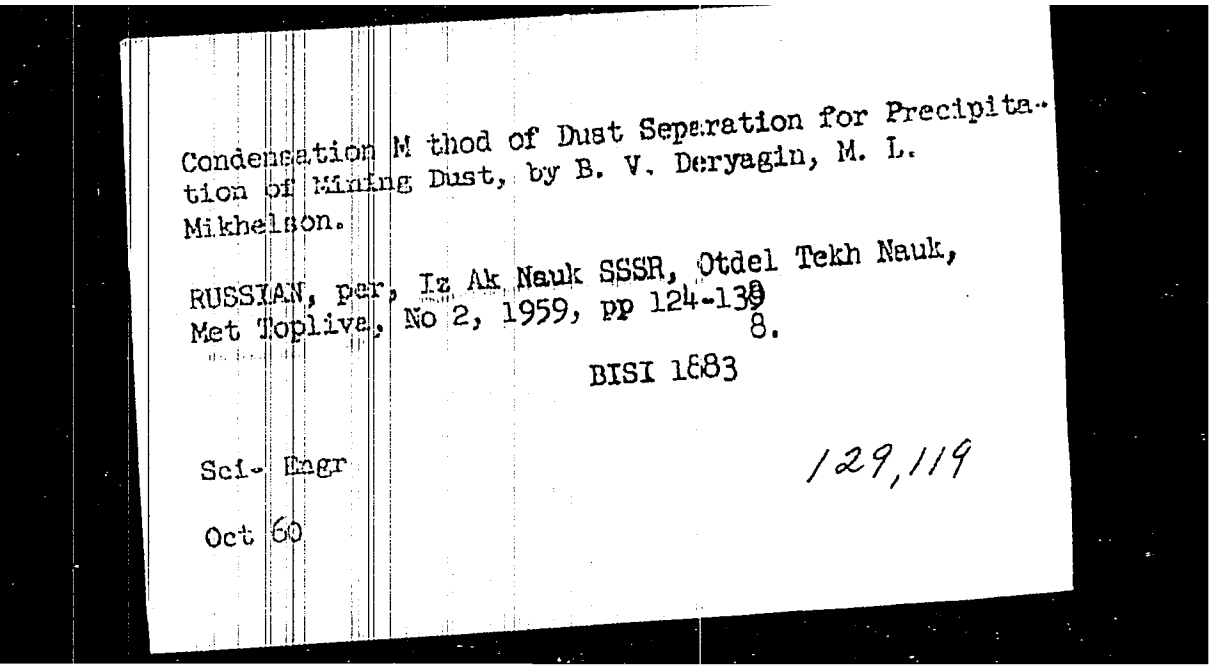

Condensation M thod of Dust Separation for Precipita-
tion of Mining Dust, by B. V. Deryagin, M. L.
Mikhelson.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Met Toplive, No 2, 1959, pp 124-138.

BISI 1683

Sci- Engr

Oct 60

129,119

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

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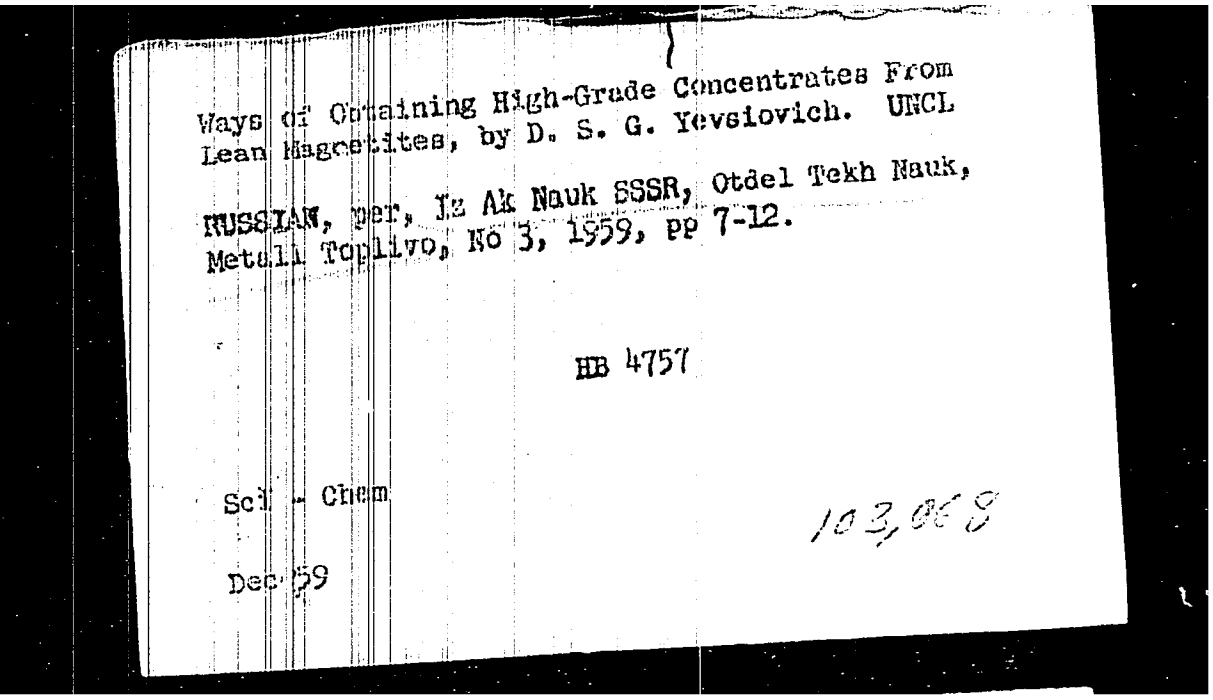


Ways of Obtaining High-Grade Concentrates From Lean Magnetites, by D. S. G. Yevsiovich. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall Toplivo, No 3, 1959, pp 7-12.

HB 4757

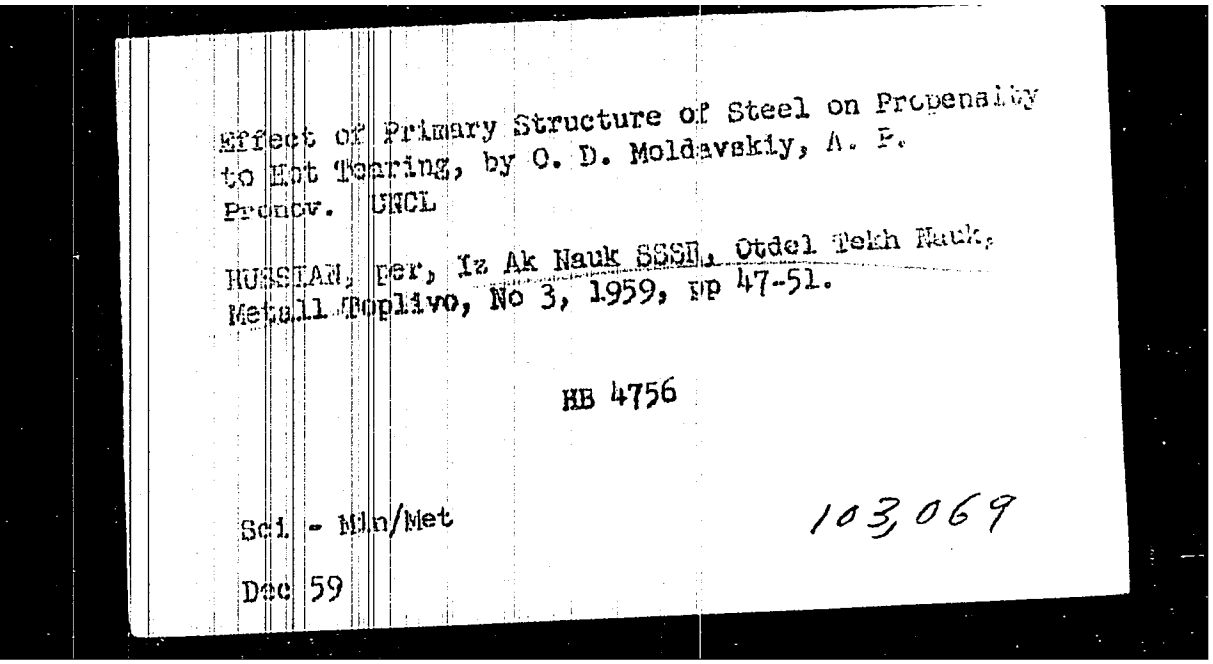
Sci - Chem

Dec 59

103,068

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2



Effect of Primary Structure of Steel on Propensity to Hot Tearing, by O. D. Moldavskiy, A. P. Prokov. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall Toplivo, No 3, 1959, pp 47-51.

HB 4756

Sci - Mtn/Met

Dec 59

103069

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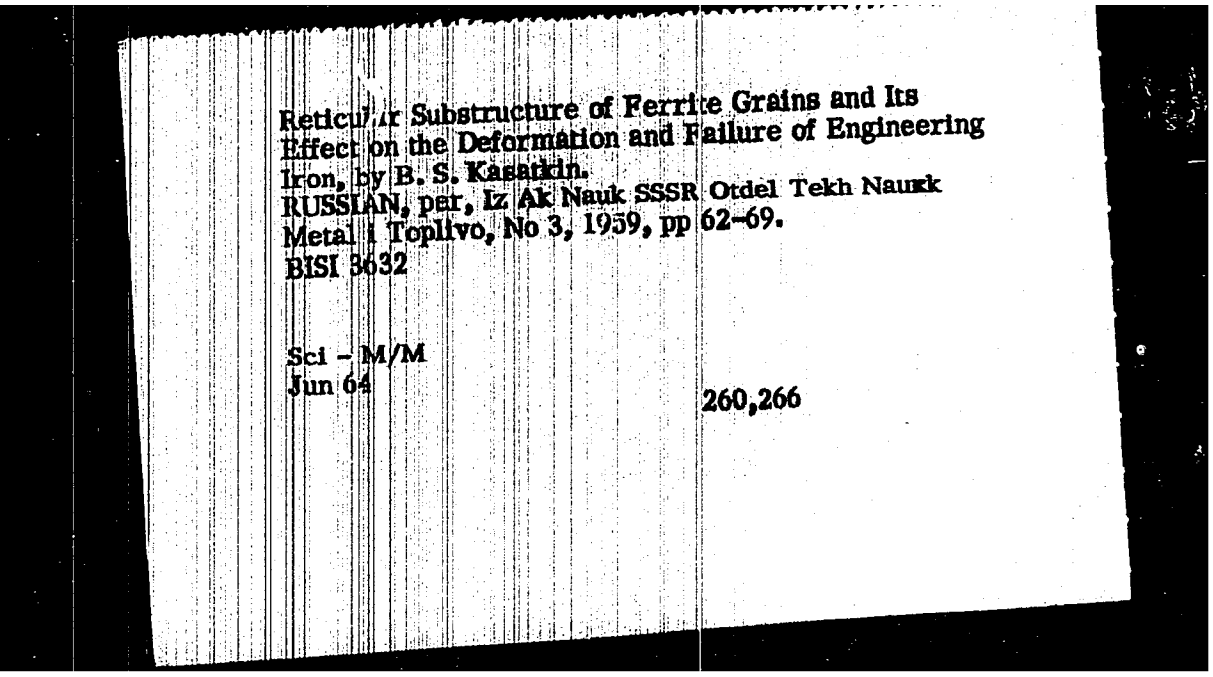

Reticular Substructure of Ferrite Grains and Its Effect on the Deformation and Failure of Engineering Iron, by B. S. Kasatkin.
RUSSIAN, per, Iz Ak Nauk SSSR Otdel Tekh Naurk Metal i Toplivo, No 3, 1959, pp 62-69.
BISI 3632

Sci - M/M
Jun 64

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Mechanism of Oxidation of Some Ni-Cr-
Based Alloys, by D. V. Ignatov,
R. D. Shamgunova, 10 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, OTN,
Metall i Toplivo, No 3, 1959, pp 83-87.
P100061566
FTD-TT-65-1919

Sci - Materials
Oct 66

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

Strength, Hardness and Tenacity of Ceramet Tungsten-Cobalt Alloys in Relationship to Their Composition Structure and Testing Temperature, by N.A. Alekseyeva, A. I. Baranov, G.S Kreymer.

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 3, 1959, pp 92-98. CIA 9660855.

ATIC MCL 641

Sci - Min/Met; Chem

May 61
T60-17104
Ref DC-12

15-2, 421

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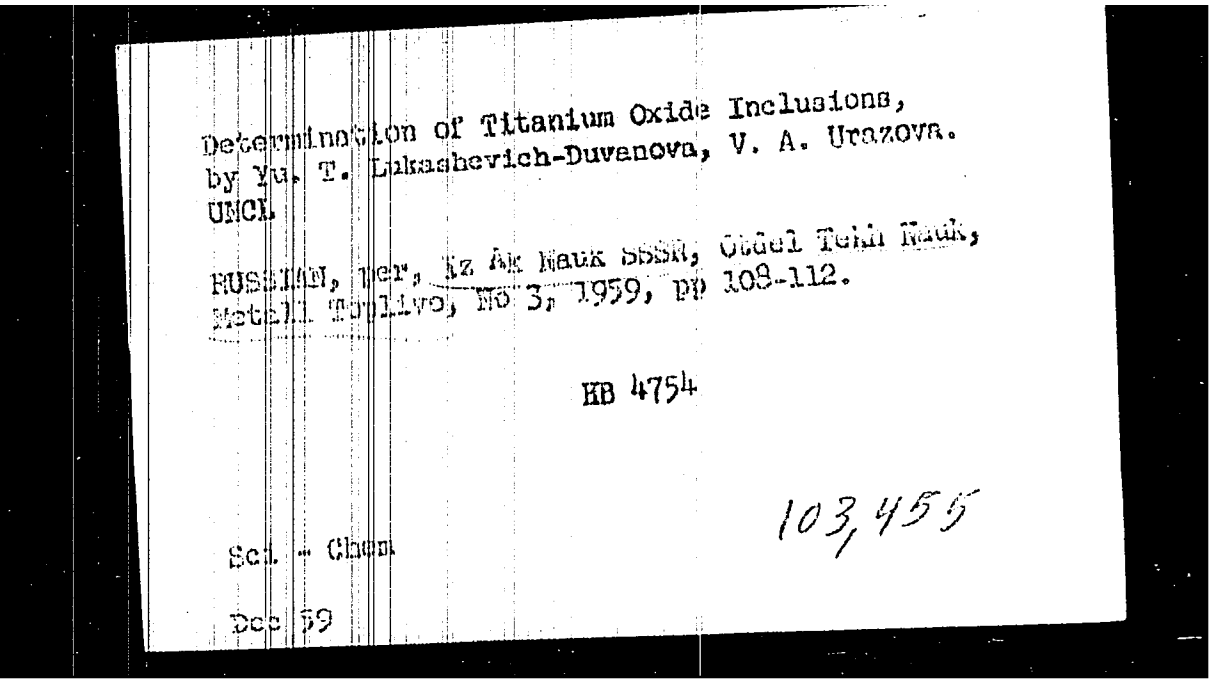

Determination of Titanium Oxide Inclusions,
by Yu. T. Likashevich-Duvanova, V. A. Urazova.
UNCL.

RUSSIAN, Ter., Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metall Toplivo, No 3, 1959, pp 108-112.

HB 4754

103,455

Sci. & Chem

Dec 59

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On the Nature of the Roughness of a Polycrystal, by L. B. Erlikh, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metal i Toplivo, No 3, 1959, pp 134-135.

MDF E-105
9092697

Sci

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Oct 61

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

Values of Activation Energy and Destruction of Aluminum During Expansion, by K.A. Osipov, A.L. Sotnichenko.

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Tekh Nauk, Met i Toplivo, No 3, 1959, pp 139-141. CIA 9660855

ATIC MCL 641

Sci - Min/Met; Chem

May 61
T60-17104
Ref DC-12

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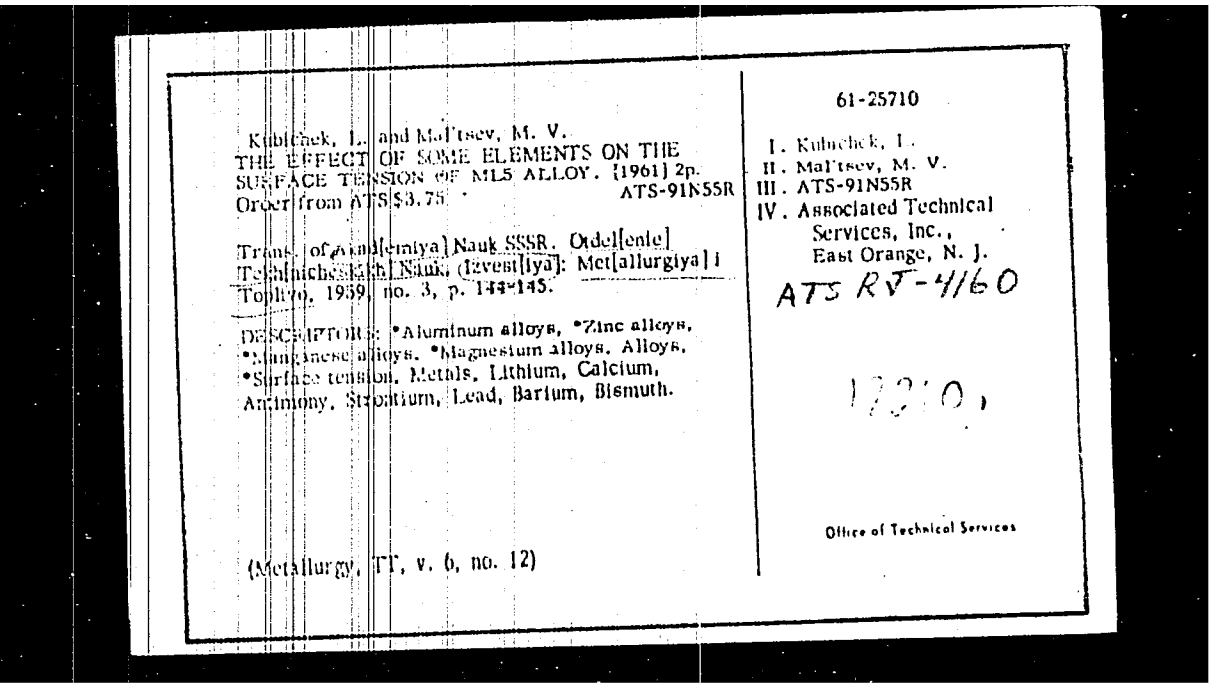

Kubichek, L. and Mal'tsev, M. V.
THE EFFECT OF SOME ELEMENTS ON THE SURFACE TENSION OF ML5 ALLOY. [1961] 2p.
Order from ATS $3.75 ATS-91N55R

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya: Met[allurgiya] i Topliva, 1959, no. 3, p. 144-145.

DESCRIPTORS: *Aluminum alloys, *Zinc alloys, *Manganese alloys, *Magnesium alloys, Alloys, *Surface tension, Metals, Lithium, Calcium, Antimony, Strontium, Lead, Barium, Bismuth.

(Metallurgy, TT, v. 6, no. 12)

61-25710

I. Kubichek, L.
II. Mal'tsev, M. V.
III. ATS-91N55R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS RT-4160

17210,

Office of Technical Services

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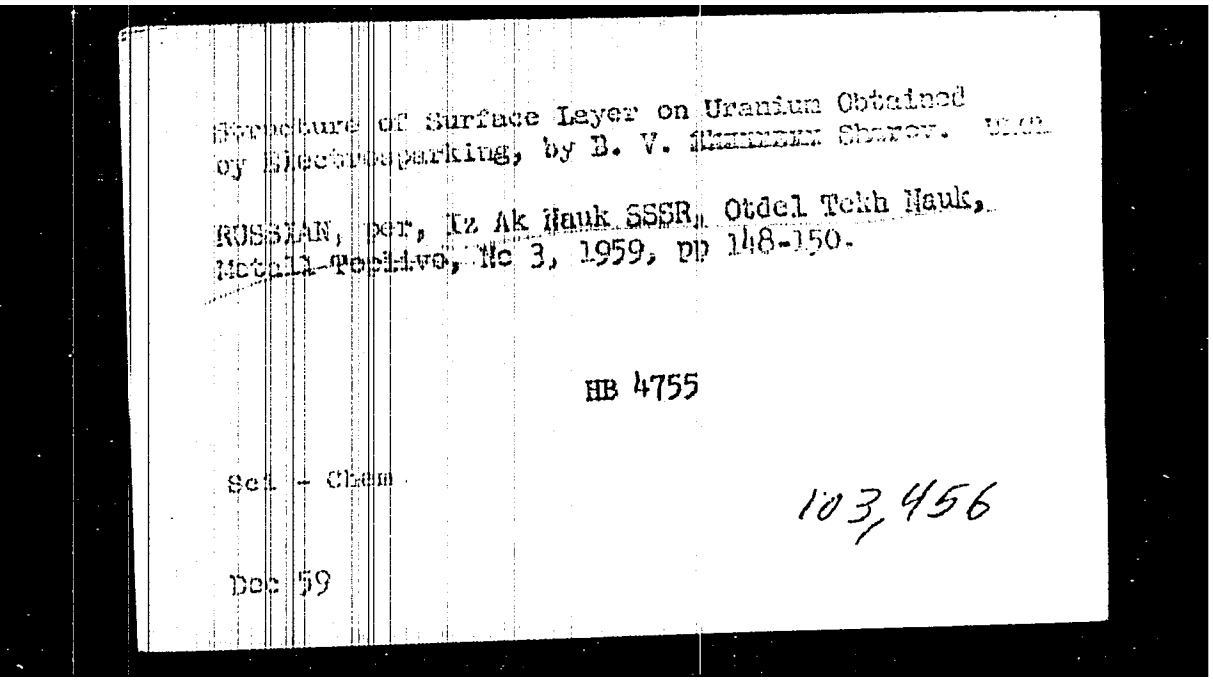

Structure of Surface Layer on Uranium Obtained by Electrosparking, by B. V. Ilyinskiy, Sbornik

ROSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Metall-Toplivo, No 3, 1959, pp 148-150.

HB 4755

Sci - Chem

103,456

Dec 59

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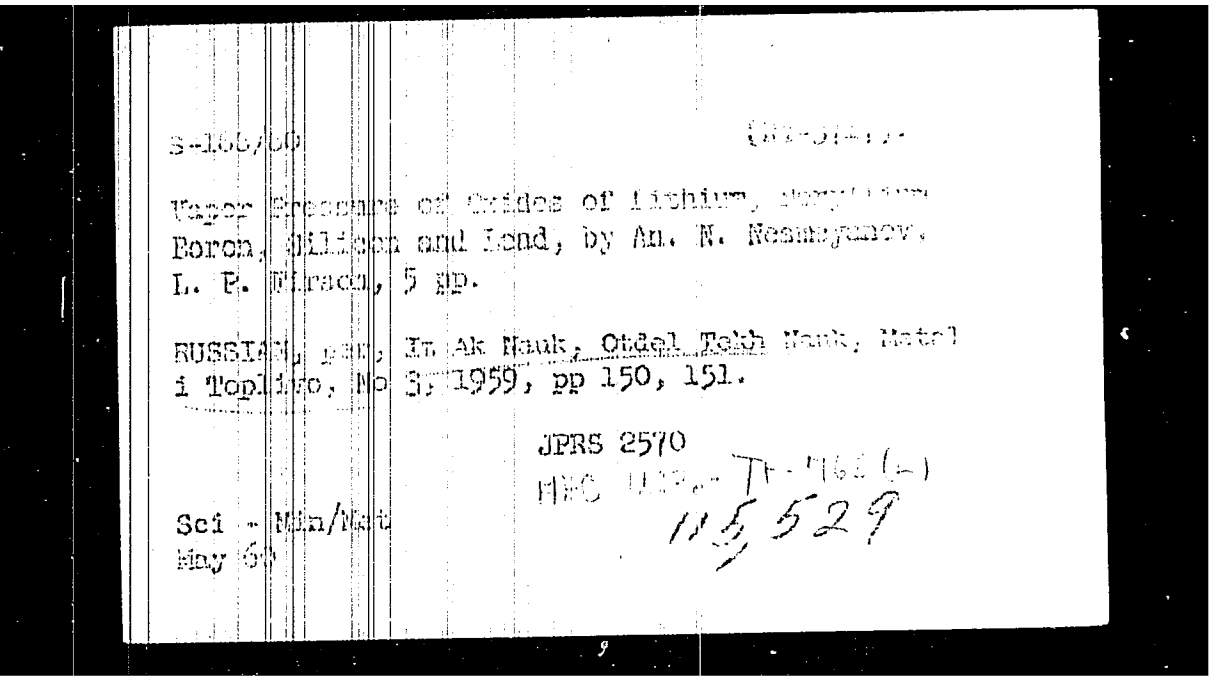

S-166/60

Vapor Pressure of Oxides of Lithium, Beryllium, Boron, Silicon and Lead, by An. N. Nesmeyanov, L. P. Firsova, 5 pp.

RUSSIAN, Izv Ak Nauk, Otdel Tekh Nauk, Metal i Toplivo, No 3, 1959, pp 150, 151.

JPRS 2570

Sci - Min/Met
May 60

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100170061-2

Accuracy and Correlation of Various Methods of Determining Aerosol Concentration, by P. V. Cherenkov.

RUSSIAN, per; Iz Ak Nauk, Otdel Tekh Nauk Metal i Toplivo, No 3, 1959, pp 184-186. CIA 9071058

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